convinced us that, although closely related, the two forms are permanently distinct. Whether hereafter to be regarded as a species or as a "subspecies," the form is a peculiar one, and as such worthy of a name.

Measurements.

	Carnatus. (Monterey.)	*Nebulosus.* (Monterey.)
Extreme length, in inches	10.50	11.50
Length to base caudal = 100	8.90	9.85
Body:		
Greatest depth	38.	36.5
Least depth	11.5	11.5
Head:		
Length	36.	36.
Diameter of eye	8.5	9.
Length of snout	9.5	10.
Length of preocular ridge	3.5	3.5
Length of supraocular ridge	5.	5.
Length of occipital ridge	6.	6.
Least width of preorbital	2.5	3.
Width of interorbital space	....	6.3
Length of maxillary	18.	18.
Length of longest gill-raker	2.8	2.
Dorsal:		
Length of base	57.	63.
Height of fifth spine	20.	16.
Height of membrane between fourth and fifth spines	11.	11.2
Height of longest soft ray	15.8	15.5
Anal:		
Length of base	14.	13.7
Height of second spine	16.5	13.
Height of third spine	14.5	13.1
Height of longest ray	20.	17.5
Caudal, length of middle rays	20.5	16.3
Pectoral:		
Length	25.	26.8
Width of base	11.	10.5
Ventral, length	24.	21.
Dorsal rays	XIII, 13	XIII, 14
Anal rays	III, 7	III, 7
Number of transverse rows of scales	43	45

APRIL 2, 1880.

CHECK-LIST OF DUPLICATES OF NORTH AMERICAN FISHES DISTRIBUTED BY THE SMITHSONIAN INSTITUTION IN BEHALF OF THE UNITED STATES NATIONAL MUSEUM, 1877-1880.

Prepared by TARLETON H. BEAN.

LOPHIIDÆ.

1. Lophius piscatorius Linn.

Lophius americanus Storer, Hist. Fish. Mass., 1867, p. 101, pl. xviii, fig. 2.

22311. Gloucester, Massachusetts.

ANTENNARIIDÆ.

2. Pterophryne histrio Linn.

Pterophryne lævigata (Cuv.) Gill, Cat. Fish. E. Coast N. A., 1873, p. 14.

20662. Wood's Holl, Massachusetts (3).

DIODONTIDÆ.

3. Diodon hystrix Linn.

23779. Bermuda.

4. Chilomycterus geometricus (Linn.) Kaup.

9448. East coast of United States.
14752. Noank, Connecticut.
19460. Eastern shore of Virginia.
19674. Beaufort, North Carolina.
19719. Fort Macon, North Carolina.
19767. Eastern shore of Virginia.
20074. Coast of New England.
21634. Newport, Rhode Island.
22911. Eastern coast of United States.
22912. " "

TETRODONTIDÆ.

5. Tetrodon turgidus Mitch.

Chilichthys turgidus Gill, Cat. Fish. E. Coast N. A., 1873, p. 15.

10740. Wood's Holl, Massachusetts.
14037. Noank, Connecticut.
14746. " "
14747. " "
14748. " "
14749. " "
14750. " "
14828. " "
14972. Eastern coast of United States.
17596. Noank, Connecticut.
17597. " "
17598. " "
17599. " "
17600. " "
17601. Noank, Connecticut.
17602. " "
17603. " "
17604. " "
17605. " "
17606. " "
17607. " "
19461. Eastern shore of Virginia.
19765. " "
19829. Wood's Holl, Massachusetts.
20290. Eastern coast of United States.
21444. Cohasset Narrows, Massachusetts.
22718. Eastern coast of United States.
23147. " "

BALISTIDÆ.

6. Alutera Schoepfii (Walb.) Goode & Bean.

Alutera cuspicauda Gill, Cat. Fish. E. Coast N. A., 1873, p. 15.
Ceratacanthus aurantiacus Gill, op. cit., p. 15.

14745. Wood's Holl, Massachusetts.
16691. Menemsha Bight, Massachusetts.
16314. Wood's Holl, Massachusetts.
16567. " "
18715. " "
18716. " "
18717. " "
18718. " "
18719. " "
18734. " "
18735. " "
18736. " "
18737. " "
18738. " "
18739. " "
18740, " "
18741. " "
18742. " "
18743. " "
18744. " "
18745. Wood's Holl, Massachusetts.
18746. " "
18747. " "
18748. " "
18749. " "
18750. " "
18751. " "
18752. " "
18753. " "
18863. " "
19251. " "
19280. " "
19282. " "
19718. Fort Macon, North Carolina.
20691. Newport, Rhode Island.
21644. " "
21649. " "
22937. Eastern coast of United States.
22738. " "

7. Monacanthus setifer Bennett.

Stephanolepis setifer Gill, Cat. Fish. E. Coast N. A., 1873, p. 15.

18893. Wood's Holl, Massachusetts.
18894. " "
18895. " "
18896. " "
18897. " "
18898. " "
18899. " "
18900. " "
18901. " "
18902. " "
18903. " "
18904. " "
18905. " "
18906. " "
18907. " "
18908. Wood's Holl, Massachusetts.
18909. " "
18910. " "
18911. " "
18912. " "
18913. " "
18914. " "
18915. " "
18916. " "
18917. " "
18946. " "
21545. Charleston, South Carolina.
21631. Newport, Rhode Island.
23144. Wood's Holl, Massachusetts.

8. **Balistes capriscus** Linn.

21650. Newport, Rhode Island.
22739. Eastern coast of United States.

9. **Balistes vetula** Linn.

22731. Eastern coast of United States.

SYNGNATHIDÆ.

10. **Syngnathus fuscus** Storer.

18919. Wood's Holl, Massachusetts.
18920. " "
18921. " "
18922. " "
18923. " "
18924. " "
18925. " "
18926. " "
18927. " "
18928. " "
18929. " "
18930. " "
18931. " "
18932. Wood's Holl, Massachusetts.
18933. " "
18934. " "
18935. " "
18936. " "
18937. " "
18938. " "
18939. " "
18940. " "
18941. " "
18942. " "
18943. " "

GASTEROSTEIDÆ.

11. **Gasterosteus aculeatus** L.

13397. Wood's Holl, Massachusetts.
19831. " "
21455. " "
23162. Wood's Holl, Massachusetts.
24433. Wilmington, Delaware.

12. **Gasterosteus pungitius** L.

23161. Wood's Holl, Massachusetts.
24460. Wood's Holl, Massachusetts.

13. **Gasterosteus pungitius** L. sub. sp. *brachypoda* Bean.

21767. American Harbor, Cumberland Gulf.
21769. " "
21770. American Harbor, Cumberland Gulf.
21772. " "

14. **Apeltes quadracus** (Mitch.) Brevoort.

13404. Wood's Holl, Massachusetts.
13413. " "
13418. " "
14002. Noank, Connecticut.
16110. Wood's Holl, Massachusetts.
17753. " "
19832. " "
23160. " "

SOLEIDÆ.

15. **Solea vulgaris** Quensel.

22734. England.

16. **Achirus lineatus** (Linn.) Cuv.

7280. Washington, District of Columbia.
10365. Potomac River.
12984. New Bedford, Massachusetts.
15091. Tompkinsville, New York.
15350. Eastern coast of United States.
15628. New York Market.
19759. Eastern coast of the United States.
19876. Potomac River.
19877. Potomac River.
19878. "
19916. Eastern coast of the United States.
20199. Newport, Rhode Island.
20756. " "
22621. Potomac River.
23472. Chesapeake Bay.
24249. Providence, Rhode Island.

PLEURONECTIDÆ.

17. Pseudopleuronectes americanus (Walb.) Gill.

14691. Portland, Maine.
14692. " "
14693. " "
14694. " "
14695. " "
14696. " "
14697. " "
14699. " "
14700. " "
14701. " "
14702. " "
14704. Wood's Holl, Massachusetts.
14706. " "
14707. " "
14708. " "
14709. " "
14710. " "
14711. " "
14712. " "
14714. " "
14716. " "
14717. " "
14718. " "
14719. " "
14721. " "
14722. " "
14723. " "
14724. " "
14725. " "
14726. Wood's Holl, Massachusetts.
14727. " "
14728. " "
14729. " "
14730. " "
14731. " "
14732. " "
14733. " "
14734. " "
14735. " "
14738. " "
14739. " "
14740. " "
14741. " "
17231. " "
17232. " "
17233. " "
17234. " "
17235. " "
17236. " "
17237. " "
17238. " "
17239. " "
17240. " "
20868. New York Market.
20874. Washington Mk't, from Portland, Me.
20953. Bucksport, Maine.
22730. Eastern Coast of United States.
23179. Gloucester, Massachusetts.

18. Limanda ferruginea (Storer) Goode & Bean.

21020. Halifax, Nova Scotia.
21033. " "
21051. " "
21504. Salem, Massachusetts.
21902. Gloucester, Massachusetts.
22323. Gloucester, Massachusetts.
22691. Milk Island Trap, Gloucester, Mass.
24625. Halifax, Nova Scotia.
24626. Gulf of Maine.

19. Pleuronectes glaber (Storer) Gill.

14657. Portland, Maine.
14658. " "
14660. " "
14661. " "
14662. " "
14663. " "
14665. " "
14666. " "
14667. " "
14668. " "
14669. " "
14670. " "
14671. " "
14672. " "
14673. " "
14677. " "
14679. " "
14680. " "
14683. Portland, Maine.
14684. " "
14685. " "
17163. " "
17164. " "
17165. " "
17166. " "
17167. " "
17168. " "
17169. " "
17170. " "
17171. " "
17172. " "
17173. " "
20903. Washington Market.
20904. " "
20954. Bucksport, Maine.
22241. Washington Market, from Portland, Me.

20. Glyptocephalus cynoglossus (Linn.) Gill.

21000. Massachusetts Bay.
21001. Le Have Bank.
21005. Halifax, Nova Scotia.
21019. " "
21032. Mouth of Harbor, Halifax, N. S.
21047. Halifax, Nova Scotia.
21060. Le Have Bank.
21817. Gloucester, Massachusetts.
21821. " "
21908. " "
22694. Milk Island Trap, Gloucester, Mass.
23141. Massachusetts Bay.
24632. Chebucto Head, Nova Scotia.

21. Lophopsetta maculata (Mitch.) Gill.

14633. Wood's Holl, Massachusetts.
14634. " "
14636. " "
14638. Portland, Maine.
14639. Noank, Connecticut.
14640. " "
14641. " "
14642. " "
14643. " "
14644. " "
14647. " "
14648. " "
14649. " "
14652. " "
14653. " "
14654. " "
14655. " "
16002. Wood's Holl, Massachusetts.
17151. Eastport, Maine.
17152. Noank, Connecticut.
17153. " "
17154. Noank, Connecticut.
17155. " "
17156. " "
17157. " "
17158. " "
17159. " "
17160. Charleston, South Carolina.
17161. Noank, Connecticut.
17162. " "
19429. Wood's Holl, Massachusetts.
19753. Eastern coast of United States.
22313. Gloucester, Massachusetts.
22372. Wood's Holl, Massachusetts.
22693. Gloucester, Massachusetts.
22735. Eastern coast of United States.
22759. Wood's Holl, Massachusetts.
23763. Off Cape Cod, Massachusetts.
24221. Gloucester, Massachusetts.
24262. Vineyard Sound, Massachusetts.
24349. Provincetown, Massachusetts.

22. Citharichthys spilopterus Gthr.?

23529. Crisfield, Maryland.

23. Hippoglossoides platessoides (Fabr.) Gill.

21009. Halifax, Nova Scotia.
21021. " "
21023. " "
21037. " "
21045. " "
21046. Off Halifax, Nova Scotia.
21052. Halifax, Nova Scotia.
21064. " "
21065. " "
21785. Gloucester, Massachusetts.
21818. " "
22288. Lat. 42° 49′ N., Lon. 62° 55′ W.
22629. Gloucester, Massachusetts.
23142. Massachusetts Bay.
23920. Sable Island.
24602. Massachusetts Bay.
24606. Halifax, Nova Scotia.
24607. " "
24609. " "
24611. " "
24612. " "
24619. " "
24621. " "
24627. " "
24633. " "
24634. " "

24. Pseudorhombus dentatus (Linn.) Gthr.

Chænopsetta ocellaris (DeKay) Gill.
Chænopsetta dentata (Storer) Gill.

14628. Noank, Connecticut.
14629. " "
14630. " "
16029. Wood's Holl, Massachusetts.
16318. " "
17114. Charleston, South Carolina.
18442. Saint John's River, Florida.
18443. " "
18444. " "
18445. " "
18446. " "
18447. Saint John's River, Florida.
18531. Kinston, North Carolina.
18532. " "
19397. Wood's Holl, Massachusetts.
19398. " "
19501. Beaufort, North Carolina.
20982. Charleston, South Carolina.
21279. Saint John's River, Florida.
22717. Eastern coast of United States.
22908. " "
23528. Crisfield, Maryland.

25. Pseudorhombus oblongus (Mitch.) Gthr.

Chænopsetta oblonga (Mitch.) Gill.

10677. Wood's Holl, Massachusetts.
10678. " "
10679. " "
10682. " "
10683. " "
10716. " "
14624. Noank, Connecticut.
14625. " "
14626. " "
14627. " "
19299. Wood's Holl, Massachusetts.
24365. Provincetown, Massachusetts.

26. Hippoglossus vulgaris Flem.

23394. Jeffrey's Bank.
24242. Jeffrey's Bank.

MACRURIDÆ.

27. Macrurus Bairdii Goode & Bean.

23140. Grand Banks.
24313. Gloucester, Massachusetts.

28. Macrurus Fabricii Sundeval.

21615. Lat. 42° 46′ N., Lon. 63° 45′ W.
21783. Off coast of New England.
21806. Lat. 43° 53′ N., Lon. 59° 05′ W.
22280. Off coast of New England.
22646. " "
22747. Sable Island Bank.
22748. "
22872. Off coast of New England.
22873. " "
22875. " "
22876. " "
23054. Banquereau.
23055. Banquereau.
23057. Lat. 44° 20′ N., Lon. 57° 57′ W.
23058. " "
23059. " "
23060. " "
23061. " "
23909. Off coast of New England.
24285. " "
24286. " "
24702. " "
24703. " "

GADIDÆ.

29. Pollachius carbonarius (Linn.) Bonn.

14615. Eastport, Maine.
14616. " "
14617. " "
14618. " "
14621. " "
21794. Gloucester, Massachusetts.
22690. " "
22796. " "
24219. " "
24451. Wood's Holl, Massachusetts.

30. Gadus morrhua Linn.

22215. Noman's Land.
22770. Wood's Holl, Massachusetts.
22837. Gloucester, Massachusetts.
23156. " "
23166. " "
23764. Provincetown, Massachusetts.
24217. Provincetown, Massachusetts.
24218. " "
24347. " "
24380. " "
24419. Gloucester, Massachusetts.
25212. Wood's Holl, Massachusetts.

31. Microgadus tomcodus (Walb.) Gill.

10778. Wood's Holl, Massachusetts.
10779. " "
13015. " "
13019. " "
13835. " "
14009. Noank, Connecticut.
14590. Eastport, Maine.
14591. " "
14592. " "
14594. Portland, Maine.
14597. Wood's Holl, Massachusetts.
14598. " "
14599. " "
14600. " "
14601. " "
14602. " "
14603. " "
14604. Wood's Holl, Massachusetts.
14605. " "
14606. " "
14607. " "
14608. " "
14609. " "
14610. " "
17611. " "
17746. " "
20595. " "
21454. " "
22221. " "
23158. " "
24445. " "
24457. " "
24513. " "

32. Phycis chuss (Walb.) Gill.

22630. Gloucester, Massachusetts.

33. Phycis tenuis (Mitch.) DeKay.

10450. Eastport, Maine.
14568. Wood's Holl, Massachusetts.
14569. " "
14573. Eastport, Maine.
14575. Portland, Maine.
14576. " "
14577. " "
14578. " "
14582. " "
14583. " "
14584. " "
14585. " "
19164. Wood's Holl, Massachusetts.
19166. " "
19169. " "
19172. " "
19174. " "
19176. Wood's Holl, Massachusetts.
19756. Eastern coast of United States.
21018. Halifax, Nova Scotia.
21616. Lat. 42° 42′ N., Lon. 64° 20′ W.
21790. Gloucester, Massachusetts.
21796. " "
21816. " "
22321. " "
22631. " "
22653. " "
22701. " "
22722. New England.
24373. Provincetown, Massachusetts (14).
24143. Wood's Holl, Massachusetts.
24464. " "
24574. " "
24610. Halifax, Nova Scotia.

34. Phycis regius (Walb.) Jordan & Gilbert.

16845. New York Aquarium.
16847. East coast of United States.
20923. East coast of United States.

35. Onos (Rhinonemus) cimbrius (L.) Goode & Bean.

23149. Gloucester, Massachusetts.
23180. Halifax, Nova Scotia.
23761. Provincetown, Massachusetts.

36. Haloporphyrus viola Goode & Bean.

23062. Lat. 44° 20′ N., Lon. 57° 57′ W.
23063. " "
23918. Grand Banks.
24251. Lat. 43° 41′ N., Lon. 59° 15′ W.
24391. Lat. 44° 13′ N., Lon. 58° 02′ W.
24713. Lat. 43° 17′ N., Lon. 51° 25′ W.
24714. Grand Banks, western edge.
24746. Banquereau.
24747. Lat. 59° 04′ N., Lon. 43° 56′ W.

37. Lota maculosa (LeS.) Rich.

11019. Sandusky, Ohio.
11020. " "
11022. " "
11024. " "
11201. Alpena, Michigan.
11202. " "
11203. " "
12452. Apostle Island, Lake Superior.
12466. " "
15860. New York Market.
16637. "
16638. "
16639. "
16640. "
17782. Sandusky, Ohio.
17783. " "
19793. Alpena, Michigan.
22926. Lake Superior.

MERLUCIIDÆ.

38. Merlucius bilinearis (Mitch.) Gill.

13010. Wood's Holl, Massachusetts.
14560. Portland, Maine.
14561. Eastport, Maine.
14562. " "
14563. " "
14564. Wood's Holl, Massachusetts.
14565. " "
14566. " "
14952. Eastern coast of United States.
16797. New Bedford, Massachusetts.
18705. Wood's Holl, Massachusetts.
18706. " "
18707. " "
18708. " "
18709. " "
18710. " "
18711. " "
18730. " "
18731. Wood's Holl, Massachusetts.
18732. " "
18733. " "
19757. " "
19846. " "
19867. " "
20848. Noman's Land.
21055. Halifax, Nova Scotia.
21793. Gloucester, Massachusetts.
22649. " "
22698. " "
23154. Wood's Holl, Massachusetts.
24240. Lat. 42° 53′ N., Lon. 69° 14′ W.
24241. Jeffrey's Bank.
24268. Lat. 42° 53′ N., Lon. 69° 14′ W.
24525. Wood's Holl, Massachusetts.
24715. Lat. 42° 53′ N., Lon. 69° 14′ W.

LYCODIDÆ.

39. Lycodes Vahlii Reinh.

24239. East Banquereau.

40. Zoarces anguillaris (Peck) Storer.

14553. Eastport, Maine.
14554. " "
14556. " "
14557. Portland, Maine.
14558. " "
14559. " "
21784. Gloucester, Massachusetts.
22632. " "
22658. " "
22695. " "
22871. Gloucester, Massachusetts.
23084. " "
23193. Massachusetts Bay.
23760. Provincetown, Massachusetts.
23910. " "
24222. " "
24311. " "
24346. " "
24382. " "

CRYPTACANTHIDÆ.

41. Cryptacanthodes maculatus Storer.

21433. Eastern coast of United States.
21857. Gloucester, Massachusetts.
24254. Fishing Banks, off New England.
24255. Fishing Banks, off New England.
24710. " "
24737. " "

XIPHIDIONTIDÆ.

42. Murænoides gunnellus (L.) Goode & Bean.

Murænoides mucronatus (Mitch.) Gill.

13429. Wood's Holl, Massachusetts.
13432. " "
13438. " "
13848. Eastport, Maine.
16503. Eastern coast of United States.
19827. Wood's Holl, Massachusetts.
19847. Wood's Holl, Massachusetts.
22842. " "
23164. New Bedford, Massachusetts.
23165. Wood's Holl, Massachusetts.
24926. " "

ANARRHICHADIDÆ.

43. Anarrhichas lupus L.

23906. East coast of United States.
23907. " "
24234. Lat. 42° 10′ N., Lon. 66° 30′ W.
24235. 8 miles S. E. Gloucester, Massachusetts.
24699. 5 miles S. S. E. Gloucester, Massachusetts.
24700. " "

44. Anarrhichas minor Olafsen.

24233. Lat. 44° 30′ N., Lon. 57° 10′ W., 250 fths.
24237. Lat. 43° 52′ N., Lon. 59° 09′ W., 200 fths.

45. Anarrhichas latifrons Steenstrup & Hallg.

21623. Lat. 42° 27′ N., Lon. 64° 20′ W., 280 fathoms.
21845. Banquereau, 300 fathoms.
22710. East coast of United States.
24238. Lat. 42° 53′ N., Lon. 59° 09′ W., 200 fths.
24698. Lat. 43° 33′ N., Lon. 52° 06′ W., 150 fths.
25109. Lat. 43° 33′ N., Lon. 52° 06′ W., 140 to 160 fathoms.

BLENNIIDÆ.

46. Blennius crinitus.

21959. Bermuda.

47. Labrosomus nuchipinnis (Q. & G.) Poey.

21240. Bermuda.
21946. Bermuda

BATRACHIDÆ.

48. Batrachus tau Linn.

6823. East coast of United States.
10711. Wood's Holl, Massachusetts.
10743. " "
10744. " "
14542. Noank, Connecticut.
14543. " "
14544. " "
14545. " "
14546. " "
14548. " "
14549. " "
14550. " "
14551. " "
14552. " "
16550. Wood's Holl, Massachusetts.
17210. Noank, Connecticut.
17211. " "
17212. " "
17213. " "
17214. " "
17215. " "
17216. " "
17217. " "
17218. " "
17219. " "
17609. Wood's Holl, Massachusetts.
19758. East coast of United States.
20632. Wood's Holl, Massachusetts.
22760. " "

49. Porichthys porosissimus.

6669. West coast of United States.
9316. San Diego, California.
17046. Santa Barbara, California.
20005. Santa Barbara, California.
22333. Monterey, California.
24814. San Diego, California.

URANOSCOPIDÆ.

50. Astroscopus anoplus (C. & V.) Brevoort.

7304. Eastern United States.

CYCLOPTERIDÆ.

51. Cyclopterus lumpus Linn.

20698. Newport, Rhode Island.
23051. Gloucester, Massachusetts.

GOBIIDÆ.

52. Gobius soporator.

21935. Bermuda.

53. Eleotris.

19880 ?
19882 ?

54. Dormitator.

19881 ?

TRIGLIDÆ.

55. Dactylopterus volitans (Linn.) Lac.

18579. Wood's Holl, Massachusetts.
18580. " "
18581. " "
18582. " "
18583. " "
18584. " "
18585. " "
18586. " "
18587. " "
18588. " "
18589. " "
18590. " "
18591. " "
18592. " "
18593. " "
18594. " "
18595. " "
18596. " "
18597. " "
18598. " "
18599. Wood's Holl, Massachusetts.
18600. " "
18601. " "
18602. " "
18603. " "
18605. " "
18606. " "
18607. " "
18608. " "
18609. " "
18610. " "
18611. " "
18612. " "
18613. " "
18614. " "
18615. " "
18616. " "
18617. " "
18618. " "
18619. " "

18620. Wood's Holl, Massachusetts.
18622. " "
18623. " "
18624. " "
18625. " "
18626. " "
18627. " "
18628. " "
18629. " "
18630. " "
18631. " "
18632. " "
18633. " "
18634. " "
18635. " "
18636. " "
18637. " "
18638. " "
18639. " "
18640. " "
18643. " "
18644. " "
18645. " "
18646. " "
18647. " "
18648. " "
18649. " "
18650. " "
18651. " "
18652. " "
18653. " "
18654. " "
18655. Wood's Holl, Massachusetts.
18656. " "
18657. " "
18658. " "
18659. " "
18660. " "
18661. " "
18662. " "
18663. " "
18664. " "
18665. " "
18666. " "
18667. " "
18668. " "
18669. " "
18670. " "
18671. " "
18672. " "
18673. " "
18674. " "
18676. " "
18677. " "
18678. " "
18679. " "
18680. " "
18681. " "
18682. " "
18683. " "
18684. " "
20835. " "
24481. " "
24497. " "

56. Prionotus evolans (L.) Gill.

13575. Wood's Holl, Massachusetts.
13581. " "
14534. " "
14535. Noank, Connecticut.
14536. " "
14537. " "
14538. " "
14539. " "
14540. " "
14955. Wood's Holl, Massachusetts.
16004. " "
16008. " "
16009. " "
16011. " "
16593. " "
18868. " "
18869. " "
18870. " "
18871. Wood's Holl, Massachusetts.
18872. " "
18873. " "
18874. " "
18875. " "
18876. " "
18877. " "
18878. " "
18879. " "
19307. " "
19308. " "
19310. " "
20703. Newport, Rhode Island.
21442. Wood's Holl, Massachusetts.
21652. Newport, Rhode Island.
22713. East coast of United States.
22750. Wood's Holl, Massachusetts.
22754. " "

57. Prionotus carolinus (Linn.) C. & V.

14528. Noank, Connecticut.
14529. " "
14530. " "
14531. " "
14532. " "
14533. " "
16032. Wood's Holl, Massachusetts.
16309. " "
17142. Noank, Connecticut.
17143. " "
17144. " "
17145. Noank, Connecticut.
17146. " "
17147. " "
17148. " "
17149. " "
17150. " "
19341. Wood's Holl, Massachusetts.
19342. " "
19343. " "
19344. " "
19345. " "

19346. Wood's Holl, Massachusetts.
19347. " "
19348. " "
19349. " "
19350. " "
19352. " "
19353. " "
19354. " "
19356. " "
19357. " "
19358. " "
19400. " "
19401. " "
19403. Wood's Holl, Massachusetts.
19404. " "
19405. " "
19406. " "
19407. " "
19408. " "
19409. " "
19410. " "
19415. " "
20664. " "
21443. Cohasset Narrows, Massachusetts.
23531. Crisfield, Maryland.

AGONIDÆ.

58. Aspidophoroides monopterygius (Bloch) Storer.

23174. Massachusetts Bay.
24336. Provincetown, Massachusetts.

COTTIDÆ.

59. Cottus octodecimspinosus Mitch.

14514. Portland, Maine.
14515. " "
14516. " "
14518. " "
14519. " "
14520. " "
14522. " "
14523. " "
14525. " "
14526. " "
19186. Wood's Holl, Massachusetts.
19187. " "
19188. Wood's Holl, Massachusetts.
19189. " "
19190. " "
19191. " "
19192. " "
19193. " "
19194. " "
19195. " "
19749. Coast of Massachusetts.
21036. Halifax, Nova Scotia.
21507. Salem, Massachusetts.
22266. Gloucester, Massachusetts.

60. Cottus æneus Mitch.

10365. Wood's Holl, Massachusetts.
10367. " "
13516. " "
13522. " "
13525. " "
13530. " "
13541. " "
15093. Tompkinsville, New York.
16185. Noank, Connecticut.
20883. Wood's Holl, Massachusetts.
20889. " "
21457. " "
22766. " "
23159. " "

61. Cottus scorpius L., subsp. **grönlandicus** C. & V.

Cottus grœnlandicus Cuv. & Val.

14507. Portland, Maine.
14509. " "
14510. " "
14511. Eastport, Maine.
21506. Salem, Massachusetts.
22314. Gloucester, Massachusetts.
22648. " "

62. Cottus scorpioides Fabr.

21744. Cumberland Gulf.
22331. Cumberland Gulf.

63. Centridermichthys uncinatus (Rhdt.) Günth.

24340. East coast of United States.

64. Gymnacanthus pistilliger (Pall.) Gill MSS.

21732. Disco Island, Greenland.
21735. " "
21741. Niantilic Harbor, Cumberland Gulf.

HEMITRIPTERIDÆ.

65. Hemitripterus americanus (Gmel.) Storer.

14497. Eastport, Maine.
14499. " "
14500. Portland, Maine.
14502. " "
14503. " "
14504. Noank, Connecticut.
14505. Wood's Holl, Massachusetts.
14959. Coast of Massachusetts.
16438. Boston, Massachusetts.
16514. Nantucket, Rhode Island.
16558. " "
16594. Wood's Holl, Massachusetts.
19412. " "
19413. " "
19414. " "
19748. " "
20696. Newport, Rhode Island.
20956. Bucksport, Maine.
21010. Halifax, Nova Scotia.
21026. " "
21035. " "
21508. Salem, Massachusetts.
21646. Newport, Rhode Island.
21795. Gloucester, Massachusetts.
22269. " "
22283. " "
22315. " "
22647. " "
22655. " "
22699. " "
22839. " "
22843. Wood's Holl, Massachusetts.
24368. Grand Banks.

SCORPÆNIDÆ.

66. Sebastes marinus Linn.

Sebastes viviparus Kröyer.

14472. Eastport, Maine.
14473. " "
14474. " "
14476. " "
14477. " "
14478. " "
14479. " "
14480. " "
14484. " "
14486. " "
14488. " "
14489. " "
14490. " "
14495. " "
14496. " "
21620. Lat. 42° 42′ N., Lon. 64° 20′ W., 270 to 300 fathoms.
21792. Gloucester, Massachusetts.
21811. " "
22267. " "
22298. East coast of United States.
22299. " "
22651. Gloucester, Massachusetts.
22700. " "
22882. East coast of United States.
23092. " "
23143. Massachusetts Bay.
23774. "
23775. "
23911. Banquereau.
24637. Halifax, Nova Scotia.

67. Sebastomus melanops (Grd.) Gill.

21582. Washington Territory.

SCARIDÆ.

68. Scarus radians Val.

21373. Bermuda.
21882. Bermuda.

69. Pseudoscarus vetula (Schn.) Gill.

21880. Bermuda.

LABRIDÆ.

70. Chœrojulis radiatus (L.) Goode.

21879. Bermuda.

71. Tautoga onitis (Linn.) Gthr.

10598. Wood's Holl, Massachusetts.
10599. " "
10643. " "
13630. " "
14446. " "
14453. Noank, Connecticut.
14454. " "
14455. " "
14456. " "
14457. " "
14458. " "
14459. " "
14460. " "
14461. Wood's Holl, Massachusetts.
14462. " "
14463. " "
14464. " "
14466. " "
14467. " "
17610. " "
17611. " "
17612. " "
17613. Wood's Holl, Massachusetts.
17614. " "
17615. " "
17616. " "
17618. " "
17619. " "
17620. " "
17621. " "
17622. " "
22725. " "
22769. " "
22914. Massachusetts Bay.
22915. "
22916. "
24438. Wood's Holl, Massachusetts.
24444. " "
24447. " "
24455. " "
24473. " "
24507. " "
24519. " "
24572. " "

72. Tautogolabrus adspersus (Walb.) Gill.

10745. Wood's Holl, Massachusetts.
10746. " "
14431. Portland, Maine.
14432. " "
14433. " "
14434. " "
14435. " "
14436. " "
14438. " "
14439. " "
14440. " "
14441. " "
14442. " "
14443. " "
14444. " "
14445. " "
14446. Noank, Connecticut.
14447. " "
14448. " "
14449. " "
14450. " "
14452. " "
16034. Wood's Holl, Massachusetts.
17555. Noank, Connecticut.
17556. " "
17557. " "
17558. " "
17559. " "
17560. " "
17561. " "
17562. " "
17563. " "
17564. " "
17617. Wood's Holl, Massachusetts.
17623. Noank, Connecticut.
17624. " "
17625. " "
17626. " "
17627. " "
17628. " "
17629. " "
22652. Gloucester, Massachusetts.
22742. " "
22767. Wood's Holl, Massachusetts.
23908. Provincetown, Massachusetts.

73. Oxyjulis modestus (Grd.) Gill.

17025. Santa Barbara, California.
17027. Santa Barbara, California.

POMACENTRIDÆ.

74. Glyphidodon saxatilis (L.) C. & V.

10333. Bermuda.
16856. "
18207. "
18208. "
18209. "
18210. "
18211. "
18212. "
18213. Bermuda.
18214. "
18215. "
18216. "
18217. "
18218. "
21984. "

CICHLIDÆ.

75. Heros.

19908. West coast of Central America.
19910. West coast of Central America.

EMBIOTOCIDÆ.

76. Embiotoca Jacksoni Ag.

17048. Santa Barbara, California.
17049. " "
22255. California.

77. Tæniotoca lateralis (Ag.) A. Ag.

6216. Presidio, California.
22256. California.
22259. California.
22304. "

78. Holconotus rhodoterus Ag.

566. Presidio, California.
567. Humboldt Bay.
572. San Diego, California.
17028. Santa Barbara, California.
17029. Santa Cruz Island, California.
17030. Santa Barbara, California.
17031. " "
17032. " "
17033. " "
20340. California.

CHÆTODONTIDÆ.

79. Sarathrodus bimaculatus (Bloch) Poey.

18197. Bermuda.
18198. "
18199. "
18200. "
18201. "
18202. Bermuda.
18203. "
18204. "
18205. "
18206. "

80. Holacanthus ciliaris Lac.

18243. Bermuda.
18244. "
21876. Bermuda.
23782. "

TRICHIURIDÆ.

81. Trichiurus lepturus Linn.

19504. Beaufort, North Carolina.
19676. North Carolina.
19677. "
21541. Charleston, South Carolina.
22817. Pensacola, Florida.
23139. Southern coast United States.

SCOMBRIDÆ.

82. Scomber scombrus Linn.

10604. Washington Market, from New Eng.
10605. " "
10650. Wood's Holl, Massachusetts.
10651. " "
13593. " "
13594. " "
13595. " "
13597. " "
14429. Portland, Maine.
16224. Wood's Holl, Massachusetts.
16443. New York Market.
16494. Wood's Holl, Massachusetts.
18989. " "
18990. " "
18991. " "
18992. " "
18993. Wood's Holl, Massachusetts.
18994. " "
18995. " "
18996. " "
18997. " "
18998. " "
18999. " "
19000. " "
21808. Gloucester, Massachusetts.
23769. Provincetown, Massachusetts.
24463. Wood's Holl, Massachusetts.
24506. " "
24514. " "
24568. " "
24594. " "
25183. Gloucester, Massachusetts.

83. Scomber pneumatophorus De la Roche.

23754. Provincetown, Massachusetts.

84. Sarda pelamys (L.) Cuv.

8482. New York.
14423. Noank, Connecticut.
14424. " "
14425. " "
14426. Noank, Connecticut.
15455. Mouth Potomac River.
22728. East coast United States.
22778. " "

85. Orcynus pelamys (L.) Poey.

21556. Wood's Holl, Massachusetts.
21557. Wood's Holl, Massachusetts.

86. Cybium maculatum (Mitch.) Cuv.

23118. Washington Market.

CARANGIDÆ.

87. Vomer setipinnis (Mitch.) Ayres.

16838. New York Market.
19735. East coast United States.
21655. Newport, Rhode Island.
22753. Wood's Holl, Massachusetts.

88. Argyreiosus vomer (Linn.) C. & V.

19506. Beaufort, North Carolina.

89. Decapterus punctatus (Ag.) Gill.

18120. Bermudas.
18121. "
18122. "
18123. "
18124. "
18125. "
18126. "
18127. "
18128. "
18129. "
18130. "
18131. "
18951. Wood's Holl, Massachusetts,
18952. " "
18953. Wood's Holl, Massachusetts.
18954. " "
18955. " "
18956. " "
18957. " "
18958. " "
18959. " "
18960. " "
18961. " "
18962. " "
18963. " "
18964. " "
19143. " "

90. Trachurops crumenophthalmus (Bloch) Gill.

18685. Wood's Holl, Massachusetts.
18686. " "
18687. " "
18688. " "
18689. " "
18690. " "
18691. " "
18692. " "
18693. " "
18694. " "
18695. " "
18696. " "
18697. " "
18698. " "
18699. " "
18700. Wood's Holl, Massachusetts.
18701. " "
18702. " "
18703. " "
18704. " "
18725. " "
18726. " "
18727. " "
18728. " "
18729. " "
18982. " "
18983. " "
21638. Newport, Rhode Island.
22368. Wood's Holl, Massachusetts.
22784. " "

91. Carangus pisquetus (C. & V.) Gr.l.

Paratractus pisquetus (C. & V.) Gill.

5991. Florida.
13663. Wood's Holl, Massachusetts.
14401. " "
14402. " "
14403. " "
14404. " "
14406. " "
14407. Wood's Holl, Massachusetts.
14408. " "
14409. " "
14410. " "
14412. " "
14414. " "
14415. " "

14416. Wood's Holl, Massachusetts.
14417. " "
14418. " "
16568. " "
17199. " "
17200. " "
17201. " "
17202. " "
17203. " "
17204. " "
17205. " "
17206. " "
17207. " "
17208. " "
18867. " "
19020. " "
19255. " "
19296. Wood's Holl, Massachusetts.
19298. " "
19377. " "
19378. " "
19381. " "
19383. " "
19384. " "
19386. " "
19388. " "
19391. " "
19392. " "
19393. " "
19394. " "
20628. " "
20755. Newport, Rhode Island.
21637. " "
22781. Wood's Holl, Massachusetts.

92. Carangus hippos (L.) Gill.

14389. Wood's Holl, Massachusetts.
14390. " "
14391. " "
14392. " "
14393. " "
14394. " "
14395. " "
14396. " "
14398. " "
14400. " "
18779. " "
18780. " "
18781. " "
18782. " "
18783. " "
88784. " "
18785. " "
18786. " "
18787. " "
18788. " "
18789. Wood's Holl, Massachusetts.
18790. " "
18791. " "
18792. " "
18793. " "
18794. " "
18795. " "
18796. " "
18797. " "
18798. " "
18799. " "
18800. " "
18801. " "
18802. " "
18803. " "
19492. Beaufort, North Carolina.
20842. Newport, Rhode Island.
21654. " "
24922. Wood's Holl, Massachusetts.

93. Blepharichthys crinitus (Akerly) Gill.

13087. Wood's Holl, Massachusetts.
13088. " "
16413. " "
16520. " "
19984. Mauritius.
19985. "
19986. "
19987. "
19988. Mauritius.
20205. Newport, Rhode Island.
20682. Wood's Holl, Massachusetts.
20705. " "
20750. Newport, Rhode Island.
21640. " "
22752. Wood's Holl, Massachusetts.

94. Trachynotus carolinus (L.) Gill.

16249. New York Market.
18808. Wood's Holl, Massachusetts.
18809. " "
18810. " "
18811. " "
18812. " "
18813. " "
18814. " "
18815. " "
18816. " "
18817. " "
18818. " "
18819. " "
18820. " "
18821. " "
18822. Wood's Holl, Massachusetts.
18823. " "
18824. " "
18825. " "
18826. " "
18827. " "
18828. " "
18829. " "
18830. " "
18831. " "
18832. " "
22322. " "
22737. East coast of United States.
22768. Wood's Holl, Massachusetts.

95. Seriola zonata (Mitch.) C. & V.

Halatractus zonatus (Mitch.) Gill.

10402. Wood's Holl, Massachusetts.
12995. " "
12998. " "
12999. " "
14384. " "
14385. " "
14387. " "
14388. " "
14953. East coast of United States.
16282. Wood's Holl, Massachusetts.
16393. " "
16543. New Bedford, Massachusetts.
16569. Wood's Holl, Massachusetts.
18965. " "
18966. " "
18967. " "
18968. " "
19018. " "
19019. Wood's Holl, Massachusetts.
19274. " "
19365. " "
19366. " "
19367. " "
19368. " "
19369. " "
19370. " "
19371. " "
19372. " "
19374. " "
19395. " "
20197. Newport, Rhode Island.
20646. Wood's Holl, Massachusetts.
20650. " "
20743. Newport, Rhode Island.
21636. " "
22774. Wood's Holl, Massachusetts.

CORYPHÆNIDÆ.

96. Coryphæna Sueuri C. & V.

16485. New York Market.

STROMATEIDÆ.

97. Palinurichthys perciformis (Mitch.) Gill.

14055. Wood's Holl, Massachusetts.
16080. Off Nomau's Land.
16081. "
16082. "
16083. "
16084. "
16085. "
16086. "
16087. "
16088. "
16089. "
16090. "
16337. Wood's Holl, Massachusetts.
16516. New York Market.
19285. Wood's Holl, Massachusetts.
19286. " "
19287. " "
19288. Wood's Holl, Massachusetts.
19289. " "
19290. " "
19291. " "
19292. " "
19305. " "
19750. East coast of United States.
20704. Newport, Rhode Island.
22650. Gloucester, Massachusetts.
22746. Fishing banks off coast of Maine.
22913. East coast of United States.
24252. Gloucester, Massachusetts.
24253. " "
24375. " "
24418. " "
24431. " "
24432. " "

98. Poronotus triacanthus (Peck) Gill.

10705. Wood's Holl, Massachusetts.
10706. " "
13249. " "
13267. " "
13270. " "
13271. " "
13275. " "
13276. " "
13278. " "
13279. " "
14358. " "
14360. " "
14361. " "
14362. " "
14364. Noank, Connecticut.
14367. " "
14368. " "
14369. Noank, Connecticut,
14370. " "
14371. Eastport, Maine.
14372. " "
14373. " "
14374. " "
14375. " "
14376. " "
14377. " "
14378. " "
14379. Portland, Maine.
14381. " "
14382. " "
14383. " "
14939. Norfolk, Virginia.
14944. Wood's Holl, Massachusetts.
14951. East coast of United States.

15082. Tompkinsville, New York.
16459. Wood's Holl, Massachusetts.
17188. " "
17189. Noank, Connecticut.
17190. " "
17191. " "
17192. " "
17193. " "
17194. " "
17195. " "
17196. Noank, Connecticut.
17197. " "
17198. " "
20651. Wood's Holl, Massachusetts.
21667. Banquereau.
23155. Wood's Holl, Massachusetts.
24259. Off coast of Maine.
24260. Vineyard Sound.
24927. Gloucester, Massachusetts.

99. Peprilus alepidotus (L.) Cuv.

Peprilus Gardenii (Bl. Schn.) Gill.

12871. Off coast of Florida.
15372. Washington Market.
15373. "
19499. Beaufort, North Carolina.
22924. Norfolk, Virginia.

LATILIDÆ.

100. Lopholatilus chamæleonticeps Goode & Bean.

24291. Lat. 40° 10′ N., Lon. 76° 56′ W., 75 fathoms.

BERYCIDÆ.

101. Holocentrum sogo Bloch.

18071. Bermuda.
18072. "
18073. "
18074. "
18075. "
18076. "
18077. "
18078. "
18079. "
18080. Bermuda.
18081. "
18082. "
18083. "
18084. "
18085. "
18086. "
18087. "
21891. "

SCLÆNIDÆ.

102. Cynoscion carolinensis (C. & V.) Gill.

8315. Saint John's River, Florida.
12807. Norfolk, Virginia.
19459. " "
19651. Fort Macon, North Carolina.
19652. Beaufort, North Carolina.
19653. Beaufort, North Carolina.
19654. " "
19713. Fort Macon, North Carolina.
22932. Off coast of North Carolina.
24684. Near Charleston, South Carolina.

103. Cynoscion regalis (Bloch) Gill.

12804. Norfolk, Virginia.
14356. Wood's Holl, Massachusetts.
16323. " "
16429. " "
16548. " "
18880. " "
18881. " "
18882. " "
18883. " "
18884. " "
18885. " "
18886. Wood's Holl, Massachusetts.
18887. " "
18888. " "
18889. " "
18890. " "
18891. " "
18892. " "
18948. " "
22367. " "
23195. " "
23508. Norfolk, Virginia.

104. Pogonias cromis Lac.

17904. Saint John's River, Florida.
17905. " "
17906. " "
17907. " "
17908. " "
17909. " "
17910. " "
17911. " "
17912. " "
18303. " "
18405. " "
18406. " "
18407. Saint John's River, Florida.
18408. " "
18409. " "
18410. " "
18411. " "
18484. " "
19040. Florida.
19041. "
19764. Southeast coast United States.
22779. " "
24690. Near Charleston, South Carolina.

105. Liostomus obliquus (Mitch.) De Kay.

16850. New York Market.
18047. Mouth of Saint John's River, Florida.
18333. Saint John's River, Florida.
18334. " "
18336. " "
18448. " "
18449. Saint John's River, Florida.
18450. " "
19055. " "
21283. " "
24484. Wood's Holl, Massachusetts.
24688. Near Charleston, South Carolina.

106. Bairdiella argyroleuca (Mitch.) Gill.

Bairdiella punctata (L.) Gill.

3370. Southeast coast of United States.
17755. Brunswick, Georgia.
18050. Mouth of Saint John's River, Florida.
18335. Saint John's River, Florida.
18498. " "
18499. " "
18500. " "
18501. " "
18502. " "
18503. " "
18504. " "
18505. Saint John's River, Florida.
18506. " "
18507. " "
18508. " "
18509. " "
18510. " "
18511. " "
18512. " "
19062. Florida.
22927. "
23169. South Carolina.

107. Sciænops ocellatus (Linn.) Gill.

18317. Saint John's River, Florida.
19498. Beaufort, North Carolina.
19655. " "
19714. Fort Macon, North Carolina.
22716. Southern coast of United States.

108. Menticirrus nebulosus (Mitch.) Gill.

10701. Wood's Holl, Massachusetts.
10709. " "
14353. Noank, Connecticut.
14354. Wood's Holl, Massachusetts.
15579. New York Market.
18712. Wood's Holl, Massachusetts.
18713. " "
18847. " "
18848. " "
18849. " "
18850. " "
18851. Wood's Holl, Massachusetts.
18852. " "
18853. " "
18854. " "
18855. " "
18856. " "
18857. " "
18858. " "
18859. " "
21441. Cohasset Narrows, Massachusetts.
22757. East coast of United States.

109. Menticirrus littoralis (Holbr.) Gill.

19081. Florida.
19082. "
19083. "
19084. "
19085. "
19086. "
19087. Florida.
19088. "
19089. "
19090. "
19091. "

110. Micropogon undulatus (L.) C. & V.

18332. Saint John's River, Florida.
18493. " "
18494. " "
18495. Saint John's River, Florida.
22740. East coast of United States.
22933. " "

85. Orcynus pelamys (L.) Poey.

21364. Bermuda.
21881. Bermuda.

112. Haploidonotus grunniens Raf.

9504. Mississippi Valley.
11037. Sandusky, Ohio.
11040. " "
11041. " "
11089. Ausable River, Michigan.
12279. Cincinnati, Ohio.
12285. " "
12286. " "
12287. " "
12288. " "
17768. Detroit, Michigan.
17769. Sandusky, Ohio.
17770. Sandusky, Ohio.
17771. " "
17772. " "
17773. " "
17774. " "
17775. " "
17776. " "
17777. " "
17778. " "
17779. " "
17780. " "
17781. " "

GERRIDÆ.

113. Diapterus gula.

21896. Bermuda.
23557. "
23562. "
23564. "
23567. "
23568. "
23569. "
23570. "
23571. "
23576. "
23579. "
23580. Bermuda.
23581. "
23582. "
23583. "
23584. "
23586. "
23587. "
23588. "
23590. "
23591. "
23592. "

114. Diapterus Lefroyi Goode.

Eucinostomus Lefroyi Goode.

18157. Bermuda.
18158. "
18159. "
18160. "
18161. "
18162. "
18163, "
18164. "
18165. Bermuda.
18166. "
18167. "
18168. "
18169. "
18170. "
18171. "
18172. "

PIMELEPTERIDÆ.

115. Pimelepterus Boscii Lac.

10338. Bermuda.
18173. "
18174. "
18175. "
18176. "
18177. "
18178. "
18179. "
18180. "
18181. "
18182. "
18183. "
18184. "
18185. "
18186. "
18187. Bermuda.
18188. "
18189. "
18190. "
18191. "
18192. "
18193. "
18194. "
18195. "
18196. "
20177. "
21900. "
23547. "
23548. "

SPARIDÆ.

116. Lagodon rhomboides (L.) Holbrook.

17899. Saint John's River, Florida.
17900. " "
17901. " "
18343. " "
18344. " "
18345. " "
18346. " "
18451. " "
18452. " "
18453. " "
18454. " "
18455. " "
18456. " "
18457. Saint John's River, Florida.
18458. " "
18459. " "
18460. " "
18461. " "
18462. " "
19134. Florida.
19687. Fort Macon, North Carolina.
19716. " "
21280. Saint John's River, Florida.
21569. Charleston, South Carolina.
21570. " "
24284. East coast of United States.

117. Archosargus probatocephalus (Walb.) Gill.

15578. New York Market.
18309. Saint John's River, Florida.
18389. " "
18390. " "
18391. " "
18392. " "
18393. " "
18394. " "
18395. " "
18396. " "
18397. " "
18398. " "
18399. Saint John's River, Florida.
18400. " "
18401. " "
18402. " "
18403. " "
18404. " "
18413. " "
18414. " "
18415. " "
18416. " "
21546. Charleston, South Carolina.
22729. East coast of United States.

118. Stenotomus argyrops (L.) Gill.

5940. East coast of United States.
10652. Wood's Holl, Massachusetts.
10668. " "
10702. " "
12922. " "
12923. " "
14326. " "
14327. " "
14328. " "
14329. " "
14330. " "
14331. " "
14332. " "
14333. " "
14335. " "
14336. " "
14337. " "
14338. " "
14339. " "
14340. " "
14341. " "
14342. " "
14344. " "
14345. Wood's Holl, Massachusetts.
14347. " "
14348. " "
14349. " "
14350. " "
14351. " "
14352. " "
14964. " "
14965. " "
16007. " "
16030. " "
16042. " "
16049. " "
17186. " "
17187. " "
21436. Cohasset Narrows, Massachusetts.
22758. Wood's Holl, Massachusetts.
22925. East coast of United States.
24468. Wood's Holl, Massachusetts.
24491. " "
24508. " "
24512. " "
24545. " "

119. Sargus Holbrookii Bean.

20979. Charleston, South Carolina.
22870. New York Market.
24691. Charleston, South Carolina.

120. Calamus megacephalus (Sw.) Poey.

21893. Bermuda.

121. Pagrus argenteus Schn. ?

24695. Off Charleston, South Carolina.

PRISTIPOMATIDÆ.

122. Pristipoma fulvomaculatum (Mitch.) Gthr.

22923. East coast of United States.
23507. Norfolk, Virginia.

123. Hæmylum xanthopterum C. & V.

18219. Bermuda.
18220. "
18221. "
18222. "
18223. "
18224. "
18225. "
18226. "
18227. "
18228. "
18229. "
18230. "
18231. "
18232. Bermuda.
18233. "
18234. "
18235. "
18236. "
18237. "
18238. "
18239. "
18240. "
18241. "
18242. "
20179. "
21372. "

124. Hæmylum flaviguttatus Gill.

19632. Colima.

125. Hæmylum.

19639. Florida.

126. Lutjanus caxis (Schn.) Poey.

18101. Bermuda.
18102. "
18103. "
18104. "
18105. "
18106. "
18107. "
18108. "
18109. "
18110. Bermuda.
18111. "
18112. "
18113. "
18114. "
18115. "
18116. "
18117. "
22798. "

127. Lutjanus Blackfordii Goode & Bean.

22795. Southern coast of United States.

128. Rhomboplites aurorubens (C. & V.) Gill.

21224. Charleston, South Carolina.
21571. Charleston, South Carolina.

CENTRARCHIDÆ.

129. Micropterus salmoides (Lac.) Gill.

10715. Potomac River.
11100. Bay City, Michigan.
11208. Alpena, Michigan.
12308. Charlestown, New Hampshire.
12309. " "
12310. " "
12809. Norfolk, Virginia.
15517. Potomac River.
16844. New York Market.
17791. Holyoke, Massachusetts.
19614. Sandusky, Ohio.
19615. " "
19616. " "
19617. Bay City, Michigan.
22727. Potomac River.

130. Micropterus pallidus (Raf.) Gill & Jordan.

10380. Norfolk, Virginia.
10381. " "
11072. Sandusky, Ohio.
12297. Cincinnati, Ohio.
12298. " "
12472. Sandusky, Ohio.
15664. New York Market.
16910. Tangipahoa River, Mississippi.
16911. " "
16912. " "
16913. " "
16914. " "

17925. Saint John's River, Florida.
17968. Wilmington, North Carolina.
18438. Saint John's River, Florida.
18439. “ “
18440. “ “
19032. “ “
19033. “ “
19034. “ “
19035. Saint John's River, Florida.
19036. “ “
19037. “ “
19038. “ “
19039. “ “
20555. Jacksonville, Florida.
21278. Saint John's River, Florida.
24812. North Carolina.

131. Ambloplites rupestris (Raf.) Gill.

4173. Rochester, Wisconsin.
5707. Lake Champlain.
7667. “
7673. Yellow Creek, Ohio.
7686. Racine, Wisconsin.
7705. Cleveland, Ohio.
7708. “ “
7734. Yellow Creek, Ohio.
8469. Red River, British America.
8926. Sandusky, Ohio.
11013. Sandusky, Ohio.
11014. “ “
11016. “ “
11218. Alpena, Michigan.
12415. Sandusky, Ohio.
16919. Tangipahoa River, Mississippi.
19622. Sandusky, Ohio.
23183. “ “
24666. Aux Plaines, Illinois.

132. Acantharcus pomotis (Bd.) Gill.

17844. New Jersey.
20353. Trenton, New Jersey.
24654. Watson's Creek, New Jersey.

133. Chænobryttus gulosus (C. & V.) Gill.

Chænobryttus viridis (C. & V.) Jordan.

18384. Saint John's River, Florida.
18385. “ “
18387. “ “
18514. “ “
18515. “ “
18516. “ “
18517. “ “
18519. “ “
18520. “ “
18521. “ “
19096. “ “
19097. “ “
19098. “ “
19099. Saint John's River, Florida.
19100. “ “
24753. Washington Market (from N. C.).
24754. “ “
24755. “ “
24756. “ “
24757. “ “
24758. “ “
24759. “ “
24760. “ “
24761. “ “
24769. “ “
24809. “ “

134. Apomotis cyanellus (Raf.) Jordan.

20052. Cumberland River, Tennessee.

135. Lepomis auritus (L.) Gill.

4220. Florida.
6246. Sing Sing, New York.
7757. “ “
7775. “ “
8099. Rivers of east coast of United States.
15351. Susquehanna River, Pennsylvania.
18017. “ “
20305. Havre de Grace, Maryland.
21453. Potomac River.
22230. “

136. Lepomis pallidus (Mitch.) Gill & Jordan.

11066. Sandusky, Ohio.
11069. “ “
11070. “ “
11217. “ “
12469. “ “
19109. Saint John's River, Florida.
19113. “ “
19114. “ “
19116. “ “
19118. “ “
19119. “ “
19123. Saint John's River, Florida.
19125. “ “
19126. “ “
19127. “ “
19128. “ “
19129. “ “
19131. “ “
19132. “ “
19133. “ “
24762. North Carolina.
24763. “

137. Lepomis punctatus.

17948. Saint John's River, Florida.
18361. " "
18363. " "
18365. " "
18366. " "
18375. " "
18377. Saint John's River, Florida.
18464. " "
18473. " "
18477. " "
18480. " "
23170. Florida.

138. Xenotis sanguinolentus (Ag.) Jordan.

16922. Tangipahoa River, Mississippi.

139. Xenotis peltastes (Cope) Jordan.

3274. Racine, Wisconsin.
9266. Michigan,

140. Xystroplites heros (B. & G.) Jordan.

4158. Saint Louis, Missouri.

141. Eupomotis aureus (Walb.) Gill & Jordan.

11063. Sandusky, Ohio.
11064. " "
11065. " "
12952. South Hadley Falls, Massachusetts.
14941. Washington Market.
14942. "
14962. "
18260. "
18261. "
18262. "
18263. "
18264. "
18265. "
18266. "
18267. "
18268. "
18269. Washington Market.
18270. "
18271. "
18272. "
18273. "
18274. "
18275. "
18276. "
18277. "
19631. "
20304. Havre de Grace, Maryland.
22803. Potomac River, Washington, D. C.
24668. Aux Plaines, Illinois.
24768. Washington Market, from North Carolina.
24810. " "
24877. " "

142. Eupomotis speciosus (Holbr.) Gill.

18364. Saint John's River, Florida.
18369. " "
18371. " "
18373. " "
18383. " "
18469. " "
18478. " "
19103. " "
19106. Saint John's River, Florida.
19107. " "
19108. " "
19110. " "
19115. " "
19117. " "
19120. " "

143. Enneacanthus margarotis Gill & Jordan.

20494. Watson's Creek, Mercer County, New Jersey.

144. Enneacanthus obesus (Baird) Gill.

24659. San Francisco Market, California.

145. Centrarchus irideus (Bosc.) C. & V.

7747. Tarborough, North Carolina.
24601. Washington Market, from N. Carolina.
24662. North Carolina.
24676. "
24677. "
24748. Washington Market, from N. Carolina.
24749. Washington Market, from North Carolina.
24750. " "
24751. " "
24752. " "
24766. " "
24808. " "

146. Pomoxys nigromaculatus (LeS.) Girard.

10382. Norfolk, Virginia.
10386. " "
11007. Sandusky, Ohio.
11011. " "
11160. " "
12805. Norfolk, Virginia.
17903. Saint John's River, Florida.
17964. Wilmington, North Carolina.
17965. " "
17967. " "
17969. " "
17970. " "
18350. Saint John's River, Florida.
18351. " "
18524. Kinston, North Carolina.
18525. " "
18526. " "
19312. Licking River, Ohio.
19313. " "
19314. " "
19315. " "
19317. " "
19318. " "
19319. " "
19320. " "
23181 Sandusky, Ohio.
24767 Washington Market.
24891. "

147. Pomoxys annularis Raf.

23182. Mississippi Valley.

SERRANIDÆ.

148. Epinephelus striatus (Bloch) Gill.

18088. Bermuda.
18089. "
18090. "
18091. "
18092. "
18093. "
18094. "
18095. Bermuda.
18096. "
18097. "
18098. "
18099. "
18100. "

149. Epinephelus guttatus (Gmelin) Goode.

12709. Bermuda.
18118. "
18119. "
19644. Florida.
20182. Bermuda.
21883. "

150. Epinephelus morio (Cuv.) Gill.

22775. Bermuda.

151. Centropristis atrarius (Linn.) Barn.

10642. Wood's Holl, Massachusetts.
10667. " "
14321. Noank, Connecticut.
14322. " "
14323. " "
14324. Wood's Holl, Massachusetts.
14325. " "
16026. " "
16574. " "
17174. Noank, Connecticut.
17175. " "
17176. " "
17177. " "
17178. " "
17179. " "
17180. " "
17181. Noank, Connecticut.
17182. " "
17183. " "
17184. " "
17241. Wood's Holl, Massachusetts.
19300. " "
19417. " "
19511. Beaufort, North Carolina.
19641. Florida.
19828. Wood's Holl, Massachusetts.
21440. Cohasset Narrows, Massachusetts.
22378. Wood's Holl, Massachusetts.
22800. " "
22959. East coast of United States.
24584. Wood's Holl, Massachusetts.

152. Diplectrum fasiculare (C. & V.) Holbrook.

24692. Off Charleston, South Carolina.

ETHEOSTOMATIDÆ.

153. Percina caprodes (Raf.) Girard.

1152.	Meadville, Pennsylvania.	1317.	Poland, Ohio.
1201.	Racine, Wisconsin.	1369.	Yellow Creek, Ohio.
1202.	" "	1394.	Madrid, New York.
1223.	Wisconsin.	8145.	Ohio.
1246.	Columbus, Ohio.	9662.	"
1264.	Westport, New York.	9731.	Potomac River.
1306.	Poland, Ohio.	20407.	Pennsylvania.

154. Diplesium blennioides (Raf.) Jordan.

1307. Black River, Ohio.

PERCIDÆ.

155. Perca fluviatilis.

Perca americana Schrank.

7118.	Sandusky, Ohio.	14976.	Washington Market.
7259.	" "	15333.	"
7281.	Ohio.	15334.	"
7344.	Sandusky, Ohio.	15335.	"
7345.	" "	15336.	"
7430.	" "	15337.	"
7441.	Ohio.	15338.	"
7478.	"	15339.	"
7878.	"	15340.	"
8094.	"	15341.	"
8713.	Ecorse, Michigan.	15342.	"
8831.	" "	15343.	"
8832.	" "	15344.	"
8883.	Sandusky, Ohio.	15345.	"
10327.	" "	15346.	"
10330.	Deep Lake, Illinois.	15347.	"
11001.	Sandusky, Ohio.	15348.	"
11003.	" "	15402.	Chapman's Landing, Maryland.
11004.	" "	18527.	Kinston, North Carolina.
11005.	" "	18528.	" "
11149.	" "	19450.	Potomac River.
11150.	" "	19491.	"
11176.	Van Hutton Lake, Michigan.	19779.	"
12321.	Washington Market.	19781.	Sandusky, Ohio.
12324.	"	19782.	" "
12325.	"	19783.	" "
12947.	South Hadley Falls, Massachusetts.	20550.	Illinois.

156. Stizostethium vitreum (Mitch.) Jordan & Copeland.

Stizostethium americanum (Cuv.) Grd.

10811.	Sandusky, Ohio.	19769.	Ecorse, Michigan.
11181.	Ausable, Michigan.	19776.	" "
11182.	" "	22704.	East coast of United States.
11183.	" "	22705.	" "
11184.	" "	22706.	" "
11186.	" "	22707.	" "
12391.	Ecorse, Michigan.	22715.	" "
12392.	" "	22741.	" "
12396.	" "		

157. Stizostethium canadense (Smith) Jordan.

22238. Memphis, Tennessee.

LABRACIDÆ.

158. Morone americana (Gmel.) Gill.

1750. Sing Sing, New York.
10633. Potomac River.
10634. "
10690. "
10729. Wood's Holl, Massachusetts.
10730. " "
13354. " "
14319. " "
15323. Washington Market.
15324. "
15325. "
15326. "
15327. "
15328. "
15329. "
15330. "
15331. "
15332. "
15471. Chapman's Landing, Maryland.
15472. " "
17127. Noank, Connecticut.
17128. " "
17129. " "
17130. " "
17242. Potomac River.
17243. "
17244. "
17245. "
17246. "
17247. "
17248. "
17249. "
17250. "
22308. New York Market.
24925. Wood's Holl, Massachusetts.

159. Roccus lineatus (Bl. Schn.) Gill.

10693. Wood's Holl, Massachusetts.
12808. Norfolk, Virginia.
19321. Washington Market.
19322. "
19323. "
19324. "
19325. "
19326. "
19327. "
19328. "
19329. "
19330. "
19331. "
19332. "
19333. "
19334. Washington Market.
19335. "
19336. "
19337. "
19338. "
19339. "
19447. Potomac River.
19613. Holyoke, Massachusetts.
22714. East coast of United States.
22726. " "
22960. " "
23117. Washington Market.
24807. North Carolina.
24846. Washington Market.

160. Roccus chrysops (Raf.) Gill.

9142. Sandusky, Ohio.
11606. " "
11051. " "
12468. Sandusky, Ohio.
19620. " "

161. Paralabrax clathrata Girard.

17037. Santa Cruz Island, California.
17038. Santa Barbara, California.

EPHIPPIIDÆ.

162. Parephippus quadratus (Gün.) Gill.

19493. Beaufort, North Carolina.

POMATOMIDÆ.

163. Pomatomus saltatrix (Linn.) Gill.

10768. Wood's Holl, Massachusetts.
14097. Noank, Connecticut.
14312. " "
14313. " "
14314. " "
14315. " "
14316. Wood's Holl, Massachusetts.
14318. " "
15554. New York Market.
16124. Wood's Holl, Massachusetts.
16125. " "
16139. Menemsha Bight, Massachusetts.
16371. Wood's Holl, Massachusetts.
17585. Noank, Connecticut.
17586. " "
17587. Noank, Connecticut.
17588. " "
17589. " "
17590. " "
17591. " "
17592. " "
17593. " "
17594. " "
17595. " "
18491. Saint John's River, Florida.
18492. " "
19054. " "
19301. Wood's Holl, Massachusetts.
22719. East coast of United States.
22762. Wood's Holl, Massachusetts.

AMMODYTIDÆ.

164. Ammodytes americanus De Kay.

13095. Wood's Holl, Massachusetts.
16193. " "
16559. Nantucket, Rhode Island.
19830. Wood's Holl, Massachusetts.
19842. " "
22841. " "

ECHENEIDIDÆ.

165. Echeneis naucrateoides (Zuiew).

20702. Newport, Rhode Island.
20843. " "
22776. East coast of United States.
22917. East coast of United States.
22918. " "

SPHYRÆNIDÆ.

166. Sphyræna borealis De Kay.

18754. Wood's Holl, Massachusetts.
18755. " "
18756. " "
18757. " "
18758. " "
18759. " "
18760. " "
18761. " "
18762. " "
18763. " "
18764. " "
18765. " "
18766. " "
18767. Wood's Holl, Massachusetts.
18768. " "
18769. " "
18770. " "
18771. " "
18772. " "
18773. " "
18774. " "
18775. " "
18776. " "
18777. " "
18778. " "

MUGILIDÆ.

167. Mugil albula Linn.

Mugil lineatus Mitch.

14930. North Carolina.
15307. Washington Market.
15308. "
15309. "
15310. "
15311. "
15312. "
15313. "
15315. "
15316. "
15317. "
15318. "
15319. "
15320. "
15321. "
15322. Washington Market.
18568. Wood's Holl, Massachusetts.
18569. " "
18570. " "
18571. " "
18572. " "
18804. " "
18805. " "
18806. " "
18807. " "
21635. Newport, Rhode Island.
22387. Wood's Holl, Massachusetts.
22777. " "
24510. " "
24697. Near Charleston, South Carolina.

168. Mugil brasiliensis Ag.

24505. Wood's Holl, Massachusetts.

169. Mugil cephalotus Cuv. & Val.

18003. Honolulu, Hawaii.

ATHERINIDÆ.

170. Chirostoma menidium (L.) Gill.

Christoma notata (Mitch.) Gill.

13318. Wood's Holl, Massachusetts.
17630. " "
17631. " "
17632. " "
17633. " "
17634. " "
17635. " "
17636. " "
17638. " "
17639. " "
17640. " "
17641. " "
17642. " "
17643. " "
17644. " "
17645. Wood's Holl, Massachusetts.
17646. " "
17647. " "
17648. " "
17649. " "
17650. " "
17651. " "
17652. " "
17653. " "
17654. " "
17655. " "
22858. Orland, Maine.
23157. Wood's Holl, Massachusetts.
24541. " "
24923. " "

BELONIDÆ.

171. Belone longirostris (Mitch.) Gill.

14018. Noank, Connecticut.
17574. " "
17575. " "
17576. " "
17577. " "
17578. " "
17579. " "
17580. " "
17581. " "
17582. " "
17583. " "
17584. " "
18833. Wood's Holl, Massachusetts.
18834. " "
18835. " "
18836. Wood's Holl, Massachusetts.
18837. " "
18838. " "
18839. " "
18840. " "
18841. " "
18842. " "
18843. " "
18844. " "
18845. " "
18846. " "
20629. " "
21451. " "
22371. " "
22773. " "

172. Belone hians.

21424. New York Market.

173. Belone latimanus Poey.

18721. Wood's Holl, Massachusetts.
21421. New York Market.

SCOMBRESOCIDÆ.

174. Hemirhamphus Pleii Val.

18132. Bermuda.
18133. "
18134. "
18135. "
18136. "
18137. "
18138. Bermuda.
18139. "
18140. "
18141. "
18142. "
18143. "

175. Scombresox saurus (Walb.) Flem.

Scomberesox scutellatus LeS.

19196. Wood's Holl, Massachusetts.
19197. " "
19203. Cape Cod, Massachusetts.
19204. " "
19205. " "
19206. Cape Cod, Massachusetts.
19207. " "
19208. " "
19845. Wood's Holl, Massachusetts.

ESOCIDÆ.

176. Esox lucius Linn.

11025. Sandusky, Ohio.
11027. " "
11143. " "
12942. South Hadley Falls, Massachusetts.
15659. New York Market.
17784. Sandusky, Ohio.

177. Esox nobilior Thompson.

11028. Sandusky, Ohio.
11029. Sandusky, Ohio.

178. Esox americanus Gmelin.

1587. Piermont, New York.
6814. New York.
15711. New York Market.
15716. New York Market.
20359. Trenton, New Jersey.
24771. Long Island, New York.

179. Esox reticulatus LeS.

10388. Norfolk, Virginia.
12453. " "
12943. South Hadley Falls, Massachusetts.
15012. Washington Market.
17785. Norfolk, Virginia.
17786. Norfolk, Virginia.
24848. Washington Market
24892. "
24896. "

UMBRIDÆ.

180. Umbra limi (Kirt.) Günth.

Melanura limi (Kirt.) Ag.

8807. Northfield, Illinois.
9288. Racine, Wisconsin.

181. Dallia pectoralis Bean.

6661. Saint Michael's, Alaska.

CYPRINODONTIDÆ.

182. Cyprinodon variegatus Lac.

17706. Noank, Connecticut.
17707. " "
17708. " "
17709. " "
17710. " "
17711. " "
17712. " "
17713. " "
17714. " "
17715. " "
17716. " "
17717. " "
17718. " "
17719. Noank, Connecticut.
17720. " "
17721. " "
17722. " "
17724. " "
17725. " "
17726. " "
17727. " "
17728. " "
17729. " "
17730. " "
24581. Wood's Holl, Massachusetts.

183. Fundulus pisculentus (Mitch.) Val.

13762. Wood's Holl, Massachusetts.
13901. Casco Bay, Maine.
13903. " "
17681. Wood's Holl, Massachusetts.
17682. " "
17683. " "
17684. " "
17685. " "
17686. " "
17687. " "
17688. " "
17689. " "
17690. " "
17691. " "
17692. " "
17693. Wood's Holl, Massachusetts.
17694. " "
17695. " "
17696. " "
17697. " "
17698. " "
17699. " "
17700. " "
17701. " "
17702. " "
17703. " "
17704. " "
17705. " "
20888. " "

184. Fundulus parvipinnis.

24883. San Diego, California.

185. Hydrargyra majalis (Walb.) Val.

17656. Wood's Holl, Massachusetts.
17657. " "
17658. " "
17659. " "
17660. " "
17661. " "
17662. " "
17663. " "
17664. " "
17665. " "
17666. " "
17667. " "
17668. " "
17669. Wood's Holl, Massachusetts.
17670. " "
17671. " "
17672. " "
17673. " "
17674. " "
17675. " "
17676. " "
17677. " "
17678. " "
17679. " "
17680. " "

PERCOPSIDÆ.

186. Percopsis guttatus Ag.

6901. Lake Superior.
8746. " "
24772. Lake Superior.

SYNODONTIDÆ.

187. Synodus fœtens (Linn.) Gill.

19507. Beaufort, North Carolina.

MICROSTOMIDÆ.

188. Mallotus villosus (Müller) Cuv.

12698. Halifax, Nova Scotia.
24924. Wood's Holl, Massachusetts.

189. Osmerus mordax (Mitch.) Gill.

13330. Wood's Holl, Massachusetts.
13339. " "
13866. " "
13936. Noank, Connecticut.
16113. Wood's Holl, Massachusetts.
16186. Noank, Connecticut.
18971. Wood's Holl, Massachusetts.
18972. " "
18973. " "
18974. " "
18975. " "
18976. Wood's Holl, Massachusetts.
18977. " "
18978. " "
18979. " "
18980. " "
19838. " "
20959. Bucksport, Maine.
20964. " "
23173. Wood's Holl, Massachusetts.
24441. " "
24476. " "

190. Osmerus pacificus.

23184. Naas River, Oregon.
23185. Fraser River, British Columbia.

COREGONIDÆ.

191. Thymallus tricolor Cope.

11080. Ausable River, Michigan.
11083. " "
11084. " "
11088. " "
11091. " "
11092. " "
11093. " "
11094. Ausable River, Michigan.
11095. " "
11096. " "
11097. " "
11098. " "
19547. " "
19548. " "

192. Argyrosomus Artedi (LeS.) Hoy.

A. clupeiformis (Mitch.) Ag.

6813. Great Lakes.
10801. Sandusky, Ohio.
11162. Sandusky, Ohio.
11195. Ausable River, Michigan.

193. Argyrosomus Artedi (LeS.) Hoy var. **sisco** Jor.

21501. Geneva Lake, Wisconsin.

SALMONIDÆ.

194. Salmo salar Linn. var. **sebago** Girard.

10543. Grand Lake, Maine.
12370. Sebes Pond, Maine.
20764. Schoodic Lake, Maine.

195. Salmo irideus Gibbons.

22336. McCloud River, California.
22338. " "
22353. " "
22354. " "
22356. " "
22359. " "
22361. " "
22402. California.
22404. "
22405. "
22406. "
22419. McCloud River, California.
22420. " "
22421. " "
22422. " "
22423. " "
22424. " "
22425. " "
22426. " "
22427. " "
22428. " "
22429. " "
22430. McCloud River, California.
22431. " "
22432. " "
22454. " "
22455. " "
22456. " "
22457. " "
22458. " "
22459. " "
22460. " "
22462. " "
22463. " "
22464. " "
22465. " "
22470. " "
22471. " "
22473. Clackamas River, Oregon.
22474. McCloud River, California.
22475. " "
22476. " "
22484. Clackamas River, Oregon.
22485. " "

196. Oncorhynchus quinnat (Rich.) Gthr.

22335. McCloud River, California.
22340. " "
22345. " "
22393. " "
22394. " "
22395. " "
22396. " "
22410. " "
22411. " "
22412. " "
22413. " "
22414. " "
22415. " "
22416. " "
22417. " "
22418. " "
22433. " "
22434. McCloud River, California.
22435. " "
22436. " "
22437. " "
22438. " "
22440. " "
22441. " "
22444. " "
22445. " "
22447. " "
22448. " "
22449. " "
22481. " "
22482. " "
22483. " "
23153. California.

197. Salvelinus fontinalis (Mitch.) Gill & Jor.

3613. Madrid, New York.
6820. Sing Sing, New York.
7064. " "
7988. Madrid, New York,
16098. Luzerne County, Pennsylvania.
16099. " "
21581 New York Market.

198. Salvelinus oquassa (Girard) Gill & Jor.

19521. New York Market.

199. Salvelinus Bairdii (Suckley) Gill & Jor.

15533. McCloud River, California.
22337. " "
22355. Clackamas River, Oregon.
22357. Clackamas River, Oregon.
22469. McCloud River. California.

ALEPIDOSAURIDÆ.

200. Alepidosaurus ferox Lowe.

22294. Off Gloucester, Massachusetts.
22640. " "
22641. Le Have Bank, 200-250 fathoms.
24243. Lat. 43° 06′ N., Lon. 61° 18′ W., 200 fths.
24244. Western part Le Have Bank, 120 fathoms.
24296. Lat. 42° 37′ N., Lon. 62° 55′ W., 200 fathoms.
24297. " " "

HYODONTIDÆ.

201. Hyodon tergisus LeS.

11058. Sandusky, Ohio.
11170. " "
11221. Cincinnati, Ohio.
12255. " "
12256. " "
12257. " "
12258. " "
12259. " "
12261. " "
12262. " "
12263. " "
12450. Ecorse, Michigan.
12451. " "
12474. Yellowstone River.
12475. "
12476. "
12478. Pompey's Pillar.
12480. Yellowstone River.
18564. Sandusky, Ohio.
18566. Ecorse, Michigan.
18567. " "
22961. " "

ALBULIDÆ.

202. Albula vulpes.

Albula conorhynchus Bl. Schn.

18144. Bermuda.
18145. "
18146. "
18147. "
18148. "
18149. "
18150. "
18151. "
18152. "
18153. Bermuda.
18154. "
18155. "
18156. "
19788. "
21560. New York Market.
21648. Newport, Rhode Island.
21859. New Bedford, Massachusetts.
21863. New London, Connecticut.

ELOPIDÆ.

203. Elops saurus Linn.

15573. New York Market.
15574. "
15580. "
16852. New Bedford, Massachusetts.
18573. Wood's Holl, Massachusetts.
18574. " "
18575. " "
18576. " "
19637. Florida.
19649. Fort Macon, North Carolina.
19851. Wood's Holl, Massachusetts.
19874. " "
21559. New York Market.
22955. "
24802. "
24803. "

DUSSUMIERIDÆ.

204. Etrumeus teres (DeKay) Brevoort.

19517. Wood's Holl, Massachusetts.

CLUPEIDÆ.

205. Brevoortia tyrannus (Latrobe) Goode.

Brevoortia menhaden (Mitch.) Gill.

10698. Wood's Holl, Massachusetts.
14302. " "
14303. " "
14304. " "
14305. " "
14306. Noank, Connecticut.
14307. " "
14308. " "
14309. " "
14948. " "
16012. Wood's Holl, Massachusetts.
16014. " "
16016. " "
18417. Saint John's River, Florida.
18418. " "
18419. " "
18420. Saint John's River, Florida.
18421. " "
18422. " "
18423. " "
18424. " "
18425. " "
18426. " "
18427. " "
18428. " "
18429. " "
18431. " "
19043. " "
19045. " "
22801. Wood's Holl, Massachusetts.
24434. Yorktown, Virginia.
24465. Wood's Holl, Massachusetts.

206. Brevoortia patronus Goode.

21341. Pensacola, Florida.
22809. " "
22810. Pensacola, Florida.
22825. " "

207. Alosa sapidissima (Wils.) Linsly.

5472. New Bedford, Massachusetts.
10626. Potomac River.
10627. "
10629. "
12944. South Hadley Falls, Massachusetts.
12945. " "
12946. " "
14292. Noank, Connecticut.
14293. " "
14294. " "
14295. Portland, Maine.
14296. " "
14297. " "
14298. " "
14299. " "
14300. Portland, Maine.
14301. " "
14847. Noank, Connecticut.
14931. Nense River, North Carolina.
14934. Washington Market.
18513. "
19209. "
20469. South Hadley Falls, Massachusetts.
20472. " "
20970. Avoca, North Carolina.
21225. Gravesend Bay, New York.
21414. Avoca, North Carolina.
22953. East coast of United States.
23107. Avoca, North Carolina.

208. Opisthonema thrissa Gill.

19463. Eastern shore of Virginia.

209. Pomolobus æstivalis (Mitch.) Goode & Bean.

P. pseudoharengus (Wils.) Gill (in part).

22370. Wood's Holl, Massachusetts.
23175. Wood's Holl, Massachusetts.

210. Pomolobus vernalis (Mitch.) Goode & Bean.

P. pseudoharengus (Wils.) Gill (in part).

14848. Noank, Connecticut.
21439. Cohasset Narrows, Massachusetts.
22369. Wood's Holl, Massachusetts.
22786. " "
23176. Wood's Holl, Massachusetts.
23177. " "
23178. " "

211. Pomolobus pseudoharengus (Wilson) Gill.

Under this name, which is now known to have been bestowed upon the two distinct species immediately preceding it in this list, a number of specimens were distributed in 1877. *Pomolobus vernalis* may be at

once separated from *P. æstivalis* by its larger eye and higher fins. The catalogue numbers of the mixed lot follow.

10644.	Wood's Holl, Massachusetts.	14279.	Portland, Maine.
10645.	" "	14280.	" "
10659.	" "	14281.	" "
10699.	" "	14283.	" "
10700.	" "	14285.	" "
10732.	" "	14286.	" "
10753.	" "	14945.	East coast of United States.
14268.	" "	14946.	" "
14276.	Portland, Maine.		

212. Pomolobus mediocris (Mitch.) Gill.

5470.	New Bedford, Massachusetts.	16753.	Potomac River.
10624.	Potomac River.	18432.	Saint John's River, Florida.
10646.	Wood's Holl, Massachusetts.	18433.	" "
10647.	" "	19456.	Potomac River.
10671.	" "	19715.	Fort Macon, North Carolina.
10688.	Potomac River.	19751.	East coast of United States.
12500.	Norfolk, Virginia.	19785.	" "
12802.	" "	19871.	New Bedford, Massachusetts.
15237.	Potomac River.		

213. Clupea harengus Linnæus.

14217.	Eastport, Maine.	14259.	Wood's Holl, Massachusetts.
14218.	" "	14757.	Eastport, Maine.
14220.	" "	14778.	" "
14230.	" "	17567.	" "
14232.	" "	17568.	" "
14235.	" "	17569.	" "
14238.	Portland, Maine.	17570.	" "
14241.	" "	17571.	" "
14242.	" "	17572.	" "
14245.	" "	17573.	" "
14248.	" "	21687.	Ipswich Bay, Massachusetts.
14251.	" "	22366.	Wood's Holl, Massachusetts.
14253.	Wood's Holl, Massachusetts.	24526.	" "
14257.	" "		

DOROSOMIDÆ.

214. Dorosoma cepedianum (Lac.) Gill.

12314.	Washington Market.	17138.	Potomac River.
12315.	"	17139.	"
12803.	Norfolk, Virginia.	17140.	"
14991.	Potomac River.	17141.	"
15073.	New York Market.	18435.	Saint John's River, Florida.
17131.	Potomac River.	18436.	" "
17132.	"	18437.	" "
17133.	"	18529.	Kinston, North Carolina.
17134.	"	18530.	" "
17135.	"	19873.	East coast of United States.
17136.	"	24678.	Washington Market.
17137.	"	24975.	"

ENGRAULIDÆ.

215. Engraulis vittatus (Mitch.) Bd. & Girard.

19003.	Wood's Holl, Massachusetts.	19011.	Wood's Holl, Massachusetts.
19004.	" "	19012.	" "
19005.	" "	19013.	" "
19006.	" "	19014.	" "
19007.	" "	19015.	" "
19008.	" "	19016.	" "
19009.	" "	19017.	" "
19010.	" "		

CATOSTOMIDÆ.

216. Myxostoma macrolepidota (LeS.) Jor.

24850. Washington Market.
24895. "
24898. Washington Market.

217. Erimyzon sucetta (Lac.) Jor.

18245. Potomac River.
18246. "
18247. "
18248. "
18249. Potomac River.
18250. "
18251. "
24897. Washington Market.

218. Hypentelium nigricans (LeS.) Jordan.

Catostomus nigricans LeSueur.

7679. Yellow Creek, Ohio.
8303. Aux Plaines, Illinois.
8762. " "
9152. Illinois.
15357. Susquehanna River, Pennsylvania.
19868. Yellow Creek, Ohio.
19870. " "

219. Catostomus commersonii (Lac.) Jordan.

6853. Port Huron, Wisconsin.
7677. Cleveland, Ohio.
7706. " "
7777. Wisconsin.
7781. "
8409. Yellow Creek, Ohio.
8440. Racine, Wisconsin.
8457. Port Huron, Wisconsin.
8501. Detroit River, Michigan.
8728. Huron River, Wisconsin.
8870. Alabama.
8984. Cleveland, Ohio.
9054. Racine, Wisconsin.
9059. Ohio.
9170. Western States.
9207. Lake Champlain.
9393. Ecorse, Michigan.
9646. " "
20097. Sing Sing, New York.
20241. Near Richmond, Indiana.
20268. Root River, Wisconsin.
24849. Washington Market.

220. Catostomus longirostrum LeS.

8437. Essex County, New York.

CYPRINIDÆ.

221. Hybopsis amarus (Grd.) Cope.

15379. Chapman's Point, Maryland.

222. Luxilus cornutus (Mitch.) Jordon.

7377. Yellow Creek, Ohio.
8556. " "
9431. Aux Plaines River, Illinois.
15358. Susquehanna River, Pennsylvania.
19850. Aux Plaines River, Illinois.

223. Semotilus corporalis (Mitch.) Putnam.

7435. Westport, New York.
8308. Root River, Wisconsin.
8336. Westport, Lake Champlain.
8741. Black River, Ohio.
8833. Black Warrior River, Alabama.
8956. Racine, Wisconsin.
8965. Quebec, Canada.

224. Semotilus bullaris (Raf.) Jordon.

Semotilus rhotheus Cope.
Semotilus argenteus (Storer) Putnam.

7823. New England, and New York.
8775. " "
8979. " "
8985. " "
9107. " "
9645. " "
12933. South Hadley Falls, Massachusetts.
15404. " "
19848. New England and New York.
19869. Sing Sing, New York.
22857. Schoodic Lake, Maine.

225. Ceratichthys biguttatus (Kirt.) Girard.

6816. Black River, Ohio.
15361. Bainbridge, Pennsylvania.
18019. Bainbridge, Pennsylvania.

226. Rhinichthys cataractæ (C. & V.) Jordan.

Rhinichthys nasutus (Ayres) Ag.

8505. Carlisle, Pennsylvania.

227. Notemigonus americanus (L.) Jordon.

9247. Washington Market.
11074. Sandusky, Ohio.
11152. " "
11153. " "
11154. " "
17792. " "
17793. " "
17794. " "
17795. " "
18323. Saint John's River, Florida.
18324. " "
18325. " "
18326. " "
18327. " "
18329. Saint John's River, Florida.
18330. " "
18331. " "
19063. " "
19064. " "
19065. " "
19066. " "
19067. " "
19068. " "
19069. " "
23109. Avoca, North Carolina.
23110. " "
23111. " "

228. Exoglossum maxillingua (LeS.) Haldeman.

7760. New York to Ohio and Maryland.
9044. " " "
15360. Bainbridge, Pennsylvania.

229. Idus melanotus Heckel.

22973. Druid Hill Ponds, Baltimore, Maryland.

230. Carassius auratus (Linn.) Bleeker.

18290. Washington Market.
18291. "
18292. "
18293. "
18294. Washington Market.
18297. "
20965. New York Market.

231. Cyprinus carpio Linn.

22964. Druid Hill Ponds, Baltimore, Md.
22966. " " "
22968. Druid Hill Ponds, Baltimore, Md.
22969. " " "

SILURIDÆ.

232. Ichthælurus punctatus (Raf.) Jordan.

1540. Cincinnati, Ohio.
8882. Michigan.
11118. Sandusky, Ohio.
11123. " "
12247. Cincinnati, Ohio.
12248. " "
12249. " "
12250. Cincinnati, Ohio.
12251. " "
12252. " "
12282. " "
12283. " "
21268. Saint John's River, Florida.

233. Amiurus nigricans (LeS.) Gill.

21269. Saint John's River, Florida.
21270. Saint John's River, Florida.

234. Amiurus albidus (LeS.) Gill.

1486. Potomac River.
15352. Bainbridge, Pennsylvania.
19930. Washington Market.
20299. Havre de Grace, Maryland.
23188. Philadelphia, Pennsylvania.
23190. Washington Market.
23191. "
24851. "
24893. "

235. Amiurus lophius Cope.

15829. Huntington, Maryland.
15830. Huntington, Maryland.

236. Amiurus natalis (LeS.) Gill var. **lividus** (Raf.).

8847. Western and Southern United States.
9220. Western and Southern United States. (7).

237. Amiurus vulgaris (Thomp.) Nelson var. **ælurus** (Grd.).

1507. North Red River, Minnesota.

238. Amiurus catus (L.) Gill.

Amiurus nebulosus (LeS.) Gill.

1433. Sing Sing, New York.
1479. Chesapeake Bay.
8444. Washington Market.
8695. "
9085. "
9730. Philadelphia, Pennsylvania.
9732. Washington Market.
12949. South Hadley Falls, Massachusetts.
15353. Bainbridge, Pennsylvania.
18278. Washington Market.
18279. "
18280. "
18281. "
18282. "
18283. Washington Market.
18284. "
18285. "
18286. "
18287. "
18288. "
18289. "
19453. Potomac River.
20378. South Hadley Falls, Massachusetts.
20454. Wilkes Barre, Pennsylvania.
22108. Washington Market.
23186. Potomac River.
23189. "
24852. Washington Market.

239. Amiurus melas (Raf.) Jordan & Copeland.

1497. Northfield, Illinois.
1514. Racine, Wisconsin.
1525. Patapsco River.
7597. Cook County, Illinois.

240. Noturus insignis (Rich.) Gill & Jordan.

Noturus marginatus Baird.

1470. James River, Virginia.
15354. Bainbridge, Pennsylvania.
18012. " "
18016. " "
19454. Potomac River.
23187. "
23196. "

241. Noturus exilis Nelson.

1438. South Grand River, Missouri.

242. Noturus gyrinus (Mitch.) Raf.

1430. Near Piermont, New York.

243. Ariopsis felis (L.) Gill & Jordan.

22751. ?

CONGRIDÆ.

244. Conger oceanica (Mitch.) Gill.

19495. Beaufort, North Carolina.
22797. East coast of United States.

ANGUILLIDÆ.

245. Anguilla rostrata (LeS.) De Kay.

Anguilla bostoniensis (LeS.) De Kay.

13583. Wood's Holl, Massachusetts.
13584. " "
13586. " "
13589. " "
13590. " "
14651. Noank, Connecticut.
14183. " "
14184. " "
14185. " "
14186. " "
14188. " "
14191. " "
14194. " "
14195. " "
14196. " "
14200. " "
14202. " "
14203. " "
14211. Wood's Holl, Massachusetts.
14216. Eastport, Maine.
16115. Wood's Holl, Massachusetts.
16146. " "
17220. Noank, Connecticut.
17221. " "
17222. " "
17223. " "
17224. " "
17225. " "
17226. " "
17227. " "
17228. " "
17229. " "
17230. " "
20766. Grand Lake Stream, Maine.
22654. Gloucester, Massachusetts.
22711. " "
22910. " "
24422. " "
25093. Wood's Holl, Massachusetts

SIMENCHELYIDÆ.

246. Simenchelys parasiticus Gill.

21675. Le Have Bank.
21676. "
21849. Western Bank, 200 fathoms.
21862. Banquereau.
22791. Grand Banks.
22794. Lat. 43° 25′ N., Lon. 60° 20′ W.
22888. Grand Banks.
23071. Lat. 44° 17′ N., Lon. 58° 10′ W., 120 fths.
23072. " " "
23075. Banquereau.
23076. Lat. 43° 18′ N., Lon. 60° 24′ W., 250 fths.
24370. Lat. 43° 15′ N., Lon. 50° 20′ W., 200 fths.
24384. Lat. 42° 48′ N., Lon. 63° W., 130 fathoms.
24385. Lat. 42° 37′ N., Lon. 62° 55′ W., 200 fathoms.
24386. Lat. 43° 05′ N., Lon. 61° 03′ W., 150 fathoms.
24387. Lat. 44° 12′ N., Lon. 58° 56′ W., 230 fathoms.
24388. Lat. 43° 27′ N., Lon. 60° W., 150 fathoms.
24395. Lat. 44° 02′ N., Lon. 59° W., 300 fathoms.
24414. Lat. 43° 42′ N., Lon. 59° 10′ W., 300 fathoms.
24426. Lat. 42° 37′ N., Lon. 66° 55′ W., 200 fathoms.
24427. " " "
24428. Lat. 44° 12′ N., Lon. 58° 56′ W., 230 fathoms.
24429. Lat. 43° 27′ N., Lon. 60° W., 150 fathoms.
24733. Lat. 43° 48′ W., Lon. 59° W., 300 fathoms.

MURÆNIDÆ.

247. Muræna sanctæ-helenæ.

20183. Bermuda.

SYNAPHOBRANCHIDÆ.

248. Synaphobranchus pinnatus (Gronow) Gthr.

21683. Le Have Bank.
21684. "
21685. "
21848. Western Bank, 200 fathoms.
21860. Le Have Bank, 150 fathoms.
21868. Lat. 43° 23′ N., Lon. 60° 40′ W., 280 fths.
21871. Lat. 59° 50′ N., Lon. 43° 25′ W., 300 fths.
22792. Lat. 42° 47′ N., Lon. 63° 10′ W.
22889. Grand Banks.
22892. Grand Banks, 200 fathoms.
22893. 30 miles S. N. W. light of Sable Island.
23077. Lat. 43° 53′ N., Lon. 58° 51′ W., 250 fths.
23078. Lat. 43° 53′ N., Lon. 58° 51′ W., 250 fths.
23080. Near George's Bank.
23083. Banquereau.
23145. Banquereau.
23146. Lat. 44° 29′ N., Lon. 57° 09′ W., 250 fathoms.
24209. Banquereau.
24210. "
24216. Lat. 44° 30′ N., Lon. 57° 08′ W., 200 fathoms.
24271. Lat. 43° 41′ N., Lon. 59° 15′ W., 200 fathoms.
24272. Lat. 42° 41′ N., Lon. 62° 58′ W., 200 fathoms.
24352. Lat. 44° 30′ N., Lon. 57° 08′ W., 200 fathoms.
24353. Lat. 47° 20′ N., Lon. 50° 48′ W., 48 fathoms.
24383. Lat. 43° 25′ N., Lon. 60° W., 180 fathoms.
24390. Lat. 44° N., Lon. 58° 30′ W., 160 fathoms.
24430. Lat. 43° 05′ N., Lon. 61° 03′ W., 150 fathoms.
24734. Southern part of Western Bank.
24735. Grand Banks, Lat. 44°.

AMIIDÆ.

249. Amia calva Linnæus.

3227. Falls of the Missouri.
6702. Mississippi Valley.
9502. "
11017. Sandusky, Ohio.
11018. " "
11134. " "
11135. " "
11137. " "
11139. " "
11141. " "
12495. " "
16584. New York Market.
18545. Mississippi Valley.
18546. "
18547. "
18548. "
18549. "
18550. "
18551. "
18552. "
18553. "
18555. "
23104. Avoca, North Carolina.

LEPIDOSTEIDÆ.

250. Lepidosteus osseus (Linn.) Ag.

3236. Potomac River.
6785. Mississippi Valley.
9510. "
9512. "
10637. Potomac River.
10717. "
12493. Detroit, Michigan.
15366. Potomac River.
15449. "
15450. "
15451. "
15452. "
18298. Saint John's River, Florida.
18523. Kinston, North Carolina.

18556. Potomac River.
18558. "
18559. "
18560. "
18561. "
18562. "
19048. Florida.
19444. "
19445. "
19446. "
19875. Potomac River.
22496. "
23102. Avoca, North Carolina
25149. Potomac River.
25151. "
25153. "
25154. "
25155. "
25158. "

251. Lepidosteus platystomus Rafinesque.

9505. Great Lakes and W. to Rocky Mts.
12497. Great Lakes and W. to Rocky Mts.

POLYODONTIDÆ.

252. Polyodon folium Lac.

3234. Foxburg, Pa.
3235. Tennessee.
12228. Cincinnati, Ohio.
12229. " "
12230. " "
12231. " "
12232. " "
12233. " "
12297. " "
12331. Madison, Indiana.
12334. " "
12414. Cincinnati, Ohio.
15475. Madison, Indiana.
15480. " "
15481. " "
15482. " "
15483. " "

ACIPENSERIDÆ.

253. Acipenser oxyrhynchus Mitchell.

19897. Potomac River.
20336. "
22703. "
22956. Potomac River.
22957. "

254. Acipenser ruthenus Linnæus.

22974. Baltimore, Maryland.

255. Scaphirhynchops platyrhynchus (Raf.) Gill.

2565. Cincinnati, Ohio.
3246. Republican River, Kansas.
3255. Cincinnati, Ohio.
12236. " "
12237. " "
12238. " "
12239. " "
12240. " "
12241. " "
12242. " "
12244. Cincinnati, Ohio.
12245. " "
12461. " "
12463. " "
12473. Yellowstone River.
15476. Madison, Indiana.
15478. " "
15479. " "
22158. Mt. Carmel, Illinois.

CHIMÆRIDÆ.

256. Chimæra plumbea Gill.

21805. Lat. 43° 51′ N., Lon. 59° 05′ W.
21858. Le Have Bank,
21904. Banquereau.
22642. "
22667. Grand Banks.
23912. Banquereau.
23913. "
23914. Lat. 43° 32′ N., Lon. 60° 21′ W., 250 fathoms.
24287. Lat. 42° 37′ N., Lon. 62° 55′ W., 200 fathoms.
24303. Lat. 44° 15′ N., Lon. 58° 52′ W., 250 fathoms.
24304. Lat. 44° N., Lon. 58° 30′ W., 160 fathoms.
24305. " " "
24306. Fishing Banks.

DASYBATIDÆ.

257. Dasybatis centrurus (Mitch.) Gill, MSS.

22938. ?

RAIIDÆ.

258. Raia eglanteria Lac.

22270. Gloucester, Massachusetts.
22661. " "
24203. Provincetown, Massachusetts.

259. Raia erinacea Mitch.

14156. Wood's Holl, Massachusetts.
14159. " "
14160. " "
14161. " "
14165. " "
14169. " "
14172. " "
14176. Wood's Holl, Massachusetts.
22320. Gloucester, Massachusetts.
22386. Noank, Connecticut.
22887. East coast of United States.
22954. " "
24358. Provincetown, Massachusetts.

260. Raia ocellata Mitch.

14158. Wood's Holl, Massachusetts.
22886. Gloucester, Massachusetts.
24226. " "
24227. " "
24229. Gloucester, Massachusetts.
24230. " "
24248. Provincetown, Massachusetts.

261. Raia radiata Donovan.

21012. Halifax, Nova Scotia.
21031. " "
21048. " "
21502. Salem, Massachusetts.
21815. Gloucester, Massachusetts.
22271. " "
22295. Off Gloucester, Massachusetts.
22312. Gloucester, Massachusetts.
22662. Gloucester, Massachusetts.
24310. Provincetown, Massachusetts.
24354. " "
24608. Off coast of Nova Scotia.
24631. " "
25193. Wood's Holl, Massachusetts.
25210. Gloucester, Massachusetts.

ODONTASPIDIDÆ.

262. Eugomphodus littoralis Gill.

22720. East coast of United States.

SPHYRNIDÆ.

263. Sphyrna zygæna (L.) Müll. & Henle.

22942. East coast of United States.
22943. East coast of United States.

GALEORHINIDÆ.

264. Eulamia obscurus (LeS.) Gill.

19420. Wood's Holl, Massachusetts.
19421. " "
19422. " "
19423. Wood's Holl, Massachusetts.
19424. "

265. Mustelus canis (Mitch.) DeKay.

7298. East coast of United States.
7301. Beesley's Point, New Jersey.
14153. Noank, Connecticut.
14154. " "
14754. " "
16006. Wood's Holl, Massachusetts.
16028. " "
16213. " "
16214. " "
16215. " "
16242. " "
16243. " "
16244 " "
16245. Wood's Holl, Massachusetts.
16246. " "
16247. " "
16248. " "
16580. " "
19257. " "
19425. " "
19426. " "
21854. Newport, Rhode Island.
22712. East coast of United States.
22941. " "
23163. Wood's Holl, Massachusetts.

SPINACIDÆ.

266. Squalus acanthias Linnæus.

Squalus americanus (Storer) Gill.

19275. Wood's Holl, Massachusetts.
19276. " "
19277. " "
19278. " "
19279. " "
19921. Eastport, Maine.
19923. " "
21855. George's Bank.
22316. Gloucester, Massachusetts.
22660. " "

267. Centroscyllium Fabricii (Rhdt.) Müll. & Henle.

21622. Lat. 42° 40′ N., Lon 63° 50′ W., 250 fths.
21686. George's Bank.
21836. Off Gloucester, Massachusetts.
22281. " "
22637. Le Have Bank.
22743. Lat. 43° 56′ N., Lon. 59° 04′ W.
22744. Banquereau.
22749. Sable Island Bank.
22878. Lat. 44° 33′ N., Lon. 53° 48′ W.
22879. Lat. 44° 23′ N., Lon. 53° 25′ W., 200 fths.
22880. Lat. 44° 38′ N., Lon. 57° 09′ W., 200 fths.
23065. Banquereau.
23066. "
23067. Lat. 44° 20′ N., Lon. 57° 57′ W.
24257. Lat. 43° 25′ N., Lon. 60° W., 250 fathoms.
24300. Lat. 42° 37′ N., Lon. 62° 55′ W., 200 fathoms.
24392. " " "
24705. Lat. 43° 27′ N., Lon. 51° 47′ W., 200 fathoms.
24706. " " "
25105. Grand Banks.
25106. "
25111. Lat. 42° 46′ N., Lon. 65° 18′ W., 200 fathoms.

268. Centroscymnus cœlolepis Bocage & Capello.

21621. Lat. 42° 40′ N., Lon. 63° 50′ W., 260 fths.
21833. Grand Banks.
21835. "
21905. Banquereau.
22282. "
22668. Grand Banks, 200 fathoms.
23064. Banquereau.
24295. Lat. 43° 25′ N., Lon. 60° W., 180 fathoms.
24298. Lat. 42° 15′ N., Lon. 58° 52′ W., 250 fathoms.
24299. Lat. 42° 37′ N., Lon. 62° 55′ W., 200 fathoms.
24711. Lat. 44° N., Lon. 52° 50′ W., 250 fathoms.

MYXINIDÆ.

269. Myxine glutinosa Linnæus.

21679. Le Have Bank.
22894. Lat. 44° 45′ N., Lon. 53° 54′ W., 400 fths.
22895. Lat. 45° 03′ N., Lon. 54° 30′ W., 85 fths.
22896. Grand Banks.
22897. "
23085. Eastern part of George's Bank, 46 fths.
23086. " " "
23087. Lat. 44° 18′ N., Lon. 58° 24′ W., 150 fathoms.
23088. Grand Banks.
23089. Lat. 44° 17′ N., Lon. 58° 10′ W., 120 fathoms.
23090. " " "
24204. Grand Banks.
24367. Banquereau.
24725. Lat. 44° 30′ N., Lon. 58° 07′ W., 200 fathoms.

WASHINGTON, *May* 1, 1880.

THE LITTORAL MARINE FAUNA OF PROVINCETOWN, CAPE COD, MASSACHUSETTS.

By RICHARD RATHBUN.

The species enumerated in the following list were, unless otherwise stated, all collected by the United States Fish Commission during the summer of 1879. As the list, however, represents only a few days' collecting, at intervals when the steamer was not available for dredging purposes, it must be considered as far from complete, especially as regards the smaller forms, while no attempt has been made to include the groups of Entomostraca, Foraminifera, &c. Considering the fact that very little has yet been published concerning the shore animals of this region, I feel justified in offering the list in its present imperfect form in